

# **Adopted Budget**

**City of Portland, Oregon**

**Fiscal Year 2019-20**

**Volume Two**

**City Funds and  
Capital Projects**

*Mayor Ted Wheeler*

*Commissioner Chloe Eudaly*

*Commissioner Nick Fish*

*Commissioner Amanda Fritz*

*Commissioner Jo Ann Hardesty*

*Auditor Mary Hull Caballero*

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# User's Guide

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The budget document consists of three volumes. Volume One contains general information and an overview of the budget for the City of Portland, as well as the budgets for individual City bureaus and offices. Volume Two provides detailed information about the City's funds and capital projects. Narrative descriptions of each of the City's programs can be found in Volume Three, as well as budgetary and performance data for these programs.

If you have any questions about the budget document or the City's budget, please call the City Budget Office at (503) 823-6925 or email [citybudgetoffice@portlandoregon.gov](mailto:citybudgetoffice@portlandoregon.gov).

## Volume One - Bureau Budgets

### Mayor's Message

This is a message from the Mayor about the challenges and opportunities faced in preparing the Proposed Budget and highlights the Mayor's budget priorities. Changes that occurred in the Approved and Adopted Budget phases will not be reflected in this document.

### Overviews

#### City Overview

The City Overview gives general information about the City of Portland, including its demographics and government management systems.

#### Budget Overview

The Budget Overview presents the total City budget from a number of perspectives, identifies City Council's strategic goals and values, and outlines the City's overall budget process. It also summarizes key budget decisions and delineates the links between those decisions and City Council goals and strategic issues.

#### Financial Overview

The Financial Overview lays out the City's financial planning process, fiscal structure, and related policies. This section also includes the five-year forecast, a discussion of City debt management, and highlights of key revenue and expenditure trends.

#### Budget Notes

The Budget Notes section lists issues that require further analysis or action, per City Council's direction. The notes generally direct bureaus to undertake a particular assignment.

### Financial Summaries

These summaries show Citywide revenues, expenses, and authorized positions. Tables at the beginning of Volume One summarize the City budget across all funds, list bureau expenses and total City expenses by fund, and detail the City's Capital Improvement Plan (CIP). The Appropriation Schedule, Tax Levy computations, and Urban Renewal Tax Certifications are also included. This section concludes with tables related to the City's debt obligations.

## Service Area Information

City bureaus are categorized into service areas based on the nature of their programs and services. Each service area section of the budget document (Adopted Budget only) begins with a description of the service area and budget highlights for bureaus in that service area, followed by the budget for each individual bureau. The City's seven service areas are:

- Public Safety
- Parks, Recreation, & Culture
- Public Utilities
- Community Development
- Transportation & Parking
- Elected Officials
- City Support Services

## Volume Two - City Funds

### Fund Summaries by Service Area

Presented in the same service area order as Volume One, these sections detail the resources and requirements of each City fund. A brief description of each fund's purpose and relevant trends and issues are incorporated with fund financial information.

### Capital Project Details

These sections, included only in the Adopted Budget, describe each of the City's capital projects by bureau and capital program. Each project includes:

- ◆ A title
- ◆ Project description
- ◆ Funding source (last line of project description)
- ◆ Historical and five-year projected costs
- ◆ Net operation and maintenance costs
- ◆ The geographic location of the project
- ◆ The project objective
- ◆ Total project cost (projected cost of the total project if expenditures are planned beyond the five-year plan)
- ◆ Original project cost (displays the total project cost as identified during the first year of project implementation), and
- ◆ The confidence level of the bureau that the project costs will not change.

Project titles beginning with "NEW" were not included in the previous year's five-year capital improvement plan.

## Prosper Portland Adopted Budget

As required by the City's Charter, the Prosper Portland Adopted Budget is incorporated here by reference. See the Prosper Portland website for the Prosper Portland Adopted Budget: <http://prosperportland.us//>.

**Figure 1: Appropriated Funds by Managing Agency**

Managing Agency	Fund	Service Area	Fund Type
Bureau of Development Services			
	Development Services Fund	Community Development	Special Revenue
Bureau of Emergency Communications			
	Emergency Communication Fund	Public Safety	Special Revenue
Bureau of Environmental Services			

**Figure 1: Appropriated Funds by Managing Agency (Continued)**

<b>Managing Agency</b>	<b>Fund</b>	<b>Service Area</b>	<b>Fund Type</b>
	Environmental Remediation Fund	Public Utilities	Enterprise
	Sewer System Construction Fund	Public Utilities	Enterprise
	Sewer System Debt Redemption Fund	Public Utilities	Enterprise
	Sewer System Operating Fund	Public Utilities	Enterprise
	Sewer System Rate Stabilization Fund	Public Utilities	Enterprise
Bureau of Fire & Police Disability & Retirement			
	Fire & Police Disability & Retirement Fund	Public Safety	Fiduciary
	Fire & Police Disability & Retirement Reserve Fund	Public Safety	Fiduciary
Bureau of Planning & Sustainability			
	Community Solar Fund	Community Development	Special Revenue
	Portland Clean Energy Community Benefits Fund	Community Development	Special Revenue
	Solid Waste Management Fund	Public Utilities	Enterprise
City Budget Office			
	Fire & Police Supplemental Retirement Reserve Fund	Public Safety	Fiduciary
	General Fund	City Fund	Major Governmental
	General Reserve Fund	City Fund	Special Revenue
	Recreational Cannabis Tax Fund	City Support Services	Special Revenue
Office of Community & Civic Life			
	Cannabis Licensing Special Revenue Fund	Community Development	Special Revenue
Office of Management & Finance			
	320 Cully Blvd. NPI Debt Service Fund	Community Development	Debt Service
	42nd Avenue NPI Debt Service Fund	Community Development	Debt Service
	82nd/Division NPI Debt Service Fund	Community Development	Debt Service
	Airport Way Debt Service Fund	Community Development	Debt Service
	Arts Education & Access Fund	Community Development	Special Revenue
	BFRES Facilities GO Bond Construction Fund	Public Safety	Capital Projects
	Bonded Debt Interest and Sinking Fund	City Support Services	Debt Service
	Central Eastside Industrial District Debt Service Fund	Community Development	Debt Service
	CityFleet Operating Fund	City Support Services	Internal Service
	Convention and Tourism Fund	Community Development	Special Revenue
	Convention Center Area Debt Service Fund	Community Development	Debt Service
	Division-Midway NPI Debt Service Fund	Community Development	Debt Service
	Enterprise Business Solutions Services Fund	City Support Services	Internal Service
	Facilities Services Operating Fund	City Support Services	Internal Service
	Gateway URA Debt Redemption Fund	Community Development	Debt Service
	Governmental Bond Redemption Fund	City Support Services	Debt Service
	Grants Fund	City Support Services	Special Revenue
	Health Insurance Operating Fund	City Support Services	Internal Service
	Insurance and Claims Operating Fund	City Support Services	Internal Service
	Interstate Corridor Debt Service Fund	Community Development	Debt Service
	Lents Town Center URA Debt Redemption Fund	Community Development	Debt Service
	North Macadam URA Debt Redemption Fund	Community Development	Debt Service
	Parkrose NPI Debt Service Fund	Community Development	Debt Service
	Pension Debt Redemption Fund	City Support Services	Debt Service
	Portland Police Association Health Insurance Fund	City Support Services	Internal Service
	Printing & Distribution Services Operating Fund	City Support Services	Internal Service
	Property Management License Fund	Community Development	Special Revenue
	Public Election Fund	City Support Services	Special Revenue
	Public Safety GO Bond Fund	Public Safety	Capital Projects
	River District URA Debt Redemption Fund	Community Development	Debt Service

**Figure 1: Appropriated Funds by Managing Agency (Continued)**

<b>Managing Agency</b>	<b>Fund</b>	<b>Service Area</b>	<b>Fund Type</b>
	Rosewood NPI Debt Service Fund	Community Development	Debt Service
	South Park Blocks Redemption Fund	Community Development	Debt Service
	Special Finance and Resource Fund	City Support Services	Capital Projects
	Special Projects Debt Service Fund	City Support Services	Debt Service
	Spectator Venues & Visitor Activities Fund	Parks, Recreation, & Culture	Enterprise
	Technology Services Fund	City Support Services	Internal Service
	Waterfront Renewal Bond Sinking Fund	Community Development	Debt Service
	Workers' Comp Self Insurance Operating Fund	City Support Services	Internal Service
Office of the City Auditor			
	Assessment Collection Fund	Community Development	Special Revenue
	Bancroft Bond Interest & Sinking Fund	Community Development	Debt Service
	Local Improvement District Fund	Community Development	Capital Projects
Portland Bureau of Transportation			
	Gas Tax Bond Redemption Fund	Transportation & Parking	Debt Service
	Parking Facilities Fund	Transportation & Parking	Enterprise
	Transportation Operating Fund	Transportation & Parking	Major Governmental
	Transportation Reserve Fund	Transportation & Parking	Special Revenue
Portland Children's Levy			
	Children's Investment Fund	Community Development	Special Revenue
Portland Fire & Rescue			
	Fire Capital Fund	Public Safety	Capital Projects
Portland Housing Bureau			
	Affordable Housing Development Fund	Community Development	Capital Projects
	Community Development Block Grant Fund	Community Development	Special Revenue
	HOME Grant Fund	Community Development	Special Revenue
	Housing Capital Fund	Community Development	Capital Projects
	Housing Investment Fund	Community Development	Special Revenue
	Housing Property Fund	Community Development	Special Revenue
	Inclusionary Housing Fund	Community Development	Special Revenue
	Tax Increment Reimbursement Fund	Community Development	Special Revenue
Portland Parks & Recreation			
	Golf Fund	Parks, Recreation, & Culture	Enterprise
	Parks Capital Improvement Program Fund	Parks, Recreation, & Culture	Capital Projects
	Parks Endowment Fund	Parks, Recreation, & Culture	Permanent
	Parks Local Option Levy Fund	Parks, Recreation, & Culture	Special Revenue
	Portland International Raceway Fund	Parks, Recreation, & Culture	Enterprise
	Portland Parks Memorial Fund	Parks, Recreation, & Culture	Special Revenue
Portland Police Bureau			
	Police Special Revenue Fund	Public Safety	Special Revenue
Portland Water Bureau			
	Hydroelectric Power Bond Redemption Fund	Public Utilities	Enterprise
	Hydroelectric Power Operating Fund	Public Utilities	Enterprise
	Hydroelectric Power Renewal Replacement Fund	Public Utilities	Enterprise
	Water Bond Sinking Fund	Public Utilities	Enterprise
	Water Construction Fund	Public Utilities	Enterprise
	Water Fund	Public Utilities	Enterprise

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	269,688,060	281,604,825	298,689,118	302,178,419	302,178,419	302,178,419
Licenses & Permits	213,377,412	223,064,189	222,422,199	236,748,620	236,798,620	236,798,620
Charges for Services	25,629,433	27,159,821	26,614,989	25,160,253	25,219,009	25,219,009
Intergovernmental	28,766,922	35,860,140	33,235,171	34,332,270	34,609,270	34,609,270
Bond & Note	0	0	0	1,581,125	1,581,125	1,581,125
Miscellaneous	4,520,906	5,500,180	4,145,651	4,746,186	4,826,186	4,826,186
<b>Total External Revenues</b>	<b>541,982,733</b>	<b>573,189,155</b>	<b>585,107,128</b>	<b>604,746,873</b>	<b>605,212,629</b>	<b>605,212,629</b>
General Fund Overhead	0	0	0	0	0	0
Fund Transfers - Revenue	30,386,589	29,574,815	35,822,212	29,220,313	29,220,313	29,220,313
Interagency Revenue	28,438,210	34,536,612	38,840,584	46,513,416	46,788,876	46,838,876
<b>Total Internal Revenues</b>	<b>58,824,799</b>	<b>64,111,427</b>	<b>74,662,796</b>	<b>75,733,729</b>	<b>76,009,189</b>	<b>76,059,189</b>
Beginning Fund Balance	44,155,972	52,608,768	58,772,311	50,963,053	50,963,053	51,358,053
<b>Total Resources</b>	<b>644,963,504</b>	<b>689,909,350</b>	<b>718,542,235</b>	<b>731,443,655</b>	<b>732,184,871</b>	<b>732,629,871</b>
<b>Requirements</b>						
Personnel Services	367,913,601	396,180,558	414,993,248	433,768,786	434,995,108	435,095,697
External Materials and Services	93,092,928	98,071,142	123,264,103	129,799,094	130,077,661	129,963,272
Internal Materials and Services	59,243,718	66,387,874	65,190,559	69,309,455	69,419,955	69,378,755
Capital Outlay	3,594,870	3,936,539	6,385,820	6,178,258	5,535,747	5,535,747
<b>Total Bureau Expenditures</b>	<b>523,845,117</b>	<b>564,576,113</b>	<b>609,833,730</b>	<b>639,055,593</b>	<b>640,028,471</b>	<b>639,973,471</b>
Debt Service	8,991,917	9,856,183	10,727,715	11,644,277	11,644,277	11,644,277
Contingency	0	0	33,453,936	21,002,027	20,530,025	21,030,025
Fund Transfers - Expense	59,517,702	56,704,740	64,526,854	59,741,758	59,982,098	59,982,098
<b>Total Fund Expenditures</b>	<b>68,509,619</b>	<b>66,560,923</b>	<b>108,708,505</b>	<b>92,388,062</b>	<b>92,156,400</b>	<b>92,656,400</b>
Ending Fund Balance	52,608,768	58,772,311	0	0	0	0
<b>Total Requirements</b>	<b>644,963,504</b>	<b>689,909,348</b>	<b>718,542,235</b>	<b>731,443,655</b>	<b>732,184,871</b>	<b>732,629,871</b>

## Fund Overview

The General Fund is the primary operating fund for the City of Portland. The core services of the City, such as police, fire, parks, and community development, are budgeted within this fund. The fund is mostly supported by property and transient lodging taxes, business and utility license fees, and state shared revenues.

**Managing Agency** City Budget Office

## Significant Changes from Prior Year

The April 2019 forecast did not identify any further need for ongoing General Fund discretionary reductions after the City chose to practice constraint budgeting by reducing all appropriation levels by 1%, after factoring in inflationary increases. As a result of this constraint, as well as the strong local economy, the April forecast identified \$2.4 million in unallocated ongoing General Fund discretionary resources and an additional \$18.4 million in available one-time discretionary resources.

# General Reserve Fund

## Fund Summary

City Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	601,760	840,547	605,857	948,359	948,359	948,359
<b>Total External Revenues</b>	<b>601,760</b>	<b>840,547</b>	<b>605,857</b>	<b>948,359</b>	<b>948,359</b>	<b>948,359</b>
Fund Transfers - Revenue	3,000,000	1,000,000	7,130,937	9,573,001	9,573,001	9,573,001
<b>Total Internal Revenues</b>	<b>3,000,000</b>	<b>1,000,000</b>	<b>7,130,937</b>	<b>9,573,001</b>	<b>9,573,001</b>	<b>9,573,001</b>
Beginning Fund Balance	56,495,175	58,916,535	60,585,671	66,854,886	66,854,886	68,854,886
<b>Total Resources</b>	<b>60,096,935</b>	<b>60,757,082</b>	<b>68,322,465</b>	<b>77,376,246</b>	<b>77,376,246</b>	<b>79,376,246</b>
<b>Requirements</b>						
External Materials and Services	0	0	2,000,000	0	0	0
Capital Outlay	0	0	0	0	0	2,000,000
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>
Contingency	0	0	65,893,255	76,577,246	76,577,246	76,577,246
Fund Transfers - Expense	1,180,400	0	429,210	799,000	799,000	799,000
<b>Total Fund Expenditures</b>	<b>1,180,400</b>	<b>0</b>	<b>66,322,465</b>	<b>77,376,246</b>	<b>77,376,246</b>	<b>77,376,246</b>
Ending Fund Balance	58,916,535	60,757,082	0	0	0	0
<b>Total Requirements</b>	<b>60,096,935</b>	<b>60,757,082</b>	<b>68,322,465</b>	<b>77,376,246</b>	<b>77,376,246</b>	<b>79,376,246</b>

## Fund Overview

The General Reserve Fund was created in FY 1987-88 for the purpose of building a reserve for the General Fund. It is Council-adopted policy to maintain a reserve level equal to at least 10% of General Fund discretionary and overhead resources less beginning fund balance.

The policy defines the first 5% of reserves as an emergency reserve available to fund major one-time, unanticipated expenditures or to offset unanticipated revenue fluctuations that occur within a fiscal year. The second 5% of the reserve fund is defined as a counter-cyclical reserve and is available to transition expenditure growth to match slower revenue growth during an economic recession.

City Council's five-year financial forecast allows using reserves in excess of the required 10% level to fund one-time General Fund appropriations.

*The Fire Apparatus Reserve is at \$7,644,834 for FY 2019-20.*

In FY 2010-11, the citizens of Portland approved a five-year Public Safety Levy that included funds for apparatus replacement in Portland Fire & Rescue. During the levy period, the existing ongoing funds dedicated to apparatus replacement in the General Fund were transferred to the General Reserve Fund. The replacement funds will be stored in the General Reserve Fund until Portland Fire & Rescue begins drawing on the reserve to supplement the annual ongoing apparatus replacement funds.

Additionally, beginning in FY 2019-20, the General Reserve Fund includes the reserves for the Build Portland Initiative (\$5.6 million), the Portland Harbor Superfund costs (\$6.1 million), and Police equipment replacement reserve (\$2.0 million).

## Managing Agency

City Budget Office

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	2	124	0	0	0	0
Intergovernmental	14,600,973	17,401,157	76,026,703	63,944,245	64,154,812	64,154,807
Bond & Note	8,000,000	10,000,000	0	0	0	0
Miscellaneous	27,388	93,735	0	0	0	0
<b>Total External Revenues</b>	<b>22,628,363</b>	<b>27,495,016</b>	<b>76,026,703</b>	<b>63,944,245</b>	<b>64,154,812</b>	<b>64,154,807</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	500,843	469,914	10,000,000	0	11,500,000	11,500,000
<b>Total Resources</b>	<b>23,129,206</b>	<b>27,964,930</b>	<b>86,026,703</b>	<b>63,944,245</b>	<b>75,654,812</b>	<b>75,654,807</b>
<b>Requirements</b>						
Personnel Services	4,512,005	4,858,645	14,809,472	10,005,961	10,005,961	10,005,961
External Materials and Services	6,140,952	7,889,820	17,835,644	18,366,906	18,577,473	18,577,468
Internal Materials and Services	2,434,415	2,650,793	6,230,402	5,233,079	5,233,079	5,233,079
Capital Outlay	5,071,920	4,239,150	37,151,185	30,338,299	30,338,299	30,338,299
<b>Total Bureau Expenditures</b>	<b>18,159,292</b>	<b>19,638,409</b>	<b>76,026,703</b>	<b>63,944,245</b>	<b>64,154,812</b>	<b>64,154,807</b>
Debt Service	4,500,000	8,000,000	10,000,000	0	11,500,000	11,500,000
<b>Total Fund Expenditures</b>	<b>4,500,000</b>	<b>8,000,000</b>	<b>10,000,000</b>	<b>0</b>	<b>11,500,000</b>	<b>11,500,000</b>
Ending Fund Balance	469,914	326,521	0	0	0	0
<b>Total Requirements</b>	<b>23,129,206</b>	<b>27,964,930</b>	<b>86,026,703</b>	<b>63,944,245</b>	<b>75,654,812</b>	<b>75,654,807</b>

## Fund Overview

The Grants Fund serves as the central fund for all federal, state, and private financial assistance received by the City, including grants, contracts, and cooperative agreements. The City also receives funds from two federal entitlement programs, HOME and the Community Development Block Grant, which are budgeted in separate funds.

**Managing Agency** Office of Management Finance, Bureau of Revenue & Financial Services



	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	9,128	10,752	2,879	2,810	2,810	2,810
<b>Total External Revenues</b>	<b>9,128</b>	<b>10,752</b>	<b>2,879</b>	<b>2,810</b>	<b>2,810</b>	<b>2,810</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	875,615	869,826	631,700	0	0	0
<b>Total Resources</b>	<b>884,743</b>	<b>880,578</b>	<b>634,579</b>	<b>2,810</b>	<b>2,810</b>	<b>2,810</b>
<b>Requirements</b>						
External Materials and Services	0	2,050	0	0	0	0
Internal Materials and Services	5,786	79,266	1,921	586	586	586
Capital Outlay	0	156,982	621,167	0	0	0
<b>Total Bureau Expenditures</b>	<b>5,786</b>	<b>238,298</b>	<b>623,088</b>	<b>586</b>	<b>586</b>	<b>586</b>
Fund Transfers - Expense	9,131	10,580	11,491	2,224	2,224	2,224
<b>Total Fund Expenditures</b>	<b>9,131</b>	<b>10,580</b>	<b>11,491</b>	<b>2,224</b>	<b>2,224</b>	<b>2,224</b>
Ending Fund Balance	869,826	631,699	0	0	0	0
<b>Total Requirements</b>	<b>884,743</b>	<b>880,577</b>	<b>634,579</b>	<b>2,810</b>	<b>2,810</b>	<b>2,810</b>

## Fund Overview

On November 7, 1998, the citizens of Portland authorized the sale of \$53.8 million in general obligation bonds to support a \$66.2 million program to improve the City's emergency facilities, including:

- ◆ Seismic upgrades to allow firefighters to effectively respond to an earthquake in the metropolitan area;
- ◆ Relocation and construction of new facilities to meet the goal of a four-minute response time to emergency calls;
- ◆ Renovation of facilities to be consistent with the evolving mission of Portland Fire & Rescue;
- ◆ Response to Americans with Disabilities Act accessibility requirements;
- ◆ Changes to fire stations for female firefighter accommodations; and
- ◆ Response to some emergency facilities approaching the end of their useful lives.

The program is complete. The remaining funds will be held in a materials and services account for funding Fire & Rescue capital facilities needs.

**Managing Agency** Office of Management & Finance, Office of the Chief Administrative Officer

## Significant Changes from Prior Year

In FY 2019-20, the balance of the fund will be placed in a capital account for Fire & Rescue station roof replacements.

# Emergency Communication Fund

## Fund Summary

Public Safety Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	387,912	333,301	592,000	407,000	407,000	407,000
Intergovernmental	7,520,869	8,009,843	8,335,849	8,517,798	8,517,798	8,517,798
Miscellaneous	41,849	15,374	20,000	20,000	20,000	20,000
<b>Total External Revenues</b>	<b>7,950,630</b>	<b>8,358,518</b>	<b>8,947,849</b>	<b>8,944,798</b>	<b>8,944,798</b>	<b>8,944,798</b>
Fund Transfers - Revenue	15,681,759	15,305,982	16,981,355	16,359,833	16,359,833	16,359,833
<b>Total Internal Revenues</b>	<b>15,681,759</b>	<b>15,305,982</b>	<b>16,981,355</b>	<b>16,359,833</b>	<b>16,359,833</b>	<b>16,359,833</b>
Beginning Fund Balance	1,973,782	1,587,046	1,126,907	1,933,572	1,933,572	1,933,572
<b>Total Resources</b>	<b>25,606,171</b>	<b>25,251,546</b>	<b>27,056,111</b>	<b>27,238,203</b>	<b>27,238,203</b>	<b>27,238,203</b>
<b>Requirements</b>						
Personnel Services	15,288,365	16,401,473	17,636,849	18,259,960	18,259,960	18,259,960
External Materials and Services	1,231,260	1,055,370	1,554,457	1,208,583	1,208,583	1,208,583
Internal Materials and Services	5,071,878	4,886,632	4,633,497	4,922,973	4,922,973	4,922,973
Capital Outlay	0	0	1,600,000	1,600,000	1,600,000	1,600,000
<b>Total Bureau Expenditures</b>	<b>21,591,503</b>	<b>22,343,475</b>	<b>25,424,803</b>	<b>25,991,516</b>	<b>25,991,516</b>	<b>25,991,516</b>
Debt Service	1,407,693	249,221	271,083	287,549	287,549	287,549
Contingency	0	0	333,572	0	0	0
Fund Transfers - Expense	1,019,929	1,536,019	1,026,653	959,138	959,138	959,138
<b>Total Fund Expenditures</b>	<b>2,427,622</b>	<b>1,785,240</b>	<b>1,631,308</b>	<b>1,246,687</b>	<b>1,246,687</b>	<b>1,246,687</b>
Ending Fund Balance	1,587,046	1,122,832	0	0	0	0
<b>Total Requirements</b>	<b>25,606,171</b>	<b>25,251,546</b>	<b>27,056,111</b>	<b>27,238,203</b>	<b>27,238,203</b>	<b>27,238,203</b>

## Fund Overview

The Emergency Communication Fund is the operating fund for the Bureau of Emergency Communications. Expenditures are related to emergency 9-1-1 call-taking and dispatch as well as administrative support for these activities. Fund revenues include an annual transfer from the General Fund, State of Oregon 9-1-1 phone tax funds, and payments from other regional jurisdictions served by Emergency Communications. In addition to Portland, user jurisdictions include: Multnomah County and the Cities of Gresham, Troutdale, Fairview, Maywood Park, and Wood Village. Fund expenses include all Emergency Communications operating expenses.

**Managing Agency** Bureau of Emergency Communications

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	128,197,553	142,490,223	151,442,839	156,343,417	156,343,417	156,343,417
Charges for Services	44	52	0	0	0	0
Bond & Note	29,129,050	36,231,649	57,700,000	52,900,000	52,900,000	52,900,000
Miscellaneous	694,664	1,520,457	1,143,400	1,958,200	1,958,200	1,958,200
<b>Total External Revenues</b>	<b>158,021,311</b>	<b>180,242,380</b>	<b>210,286,239</b>	<b>211,201,617</b>	<b>211,201,617</b>	<b>211,201,617</b>
Fund Transfers - Revenue	0	0	750,000	750,000	750,000	750,000
Interagency Revenue	1,193,483	1,167,132	1,290,000	1,594,954	1,594,954	1,594,954
<b>Total Internal Revenues</b>	<b>1,193,483</b>	<b>1,167,132</b>	<b>2,040,000</b>	<b>2,344,954</b>	<b>2,344,954</b>	<b>2,344,954</b>
Beginning Fund Balance	13,633,435	9,789,387	12,179,404	17,491,801	17,491,801	17,491,801
<b>Total Resources</b>	<b>172,848,229</b>	<b>191,198,898</b>	<b>224,505,643</b>	<b>231,038,372</b>	<b>231,038,372</b>	<b>231,038,372</b>
<b>Requirements</b>						
Personnel Services	1,973,764	2,114,363	2,250,600	2,494,800	2,494,800	2,494,800
External Materials and Services	120,536,788	126,014,677	134,712,872	139,215,707	139,215,707	139,215,707
Internal Materials and Services	10,812,495	14,327,749	17,202,965	22,584,101	22,584,101	22,584,101
Capital Outlay	54,760	98,456	52,850	75,000	75,000	75,000
<b>Total Bureau Expenditures</b>	<b>133,377,807</b>	<b>142,555,244</b>	<b>154,219,287</b>	<b>164,369,608</b>	<b>164,369,608</b>	<b>164,369,608</b>
Debt Service	29,371,007	36,620,708	58,593,081	54,206,581	54,206,581	54,206,581
Contingency	0	0	10,774,125	11,560,932	11,560,932	11,560,932
Fund Transfers - Expense	310,028	170,378	919,150	901,251	901,251	901,251
<b>Total Fund Expenditures</b>	<b>29,681,035</b>	<b>36,791,086</b>	<b>70,286,356</b>	<b>66,668,764</b>	<b>66,668,764</b>	<b>66,668,764</b>
Ending Fund Balance	9,789,387	11,852,569	0	0	0	0
<b>Total Requirements</b>	<b>172,848,229</b>	<b>191,198,899</b>	<b>224,505,643</b>	<b>231,038,372</b>	<b>231,038,372</b>	<b>231,038,372</b>

## Fund Overview

Chapter 5 of the Portland City Charter establishes the Fire & Police Disability & Retirement (FPDR) Fund for the sworn employees of Portland Fire & Rescue and the Portland Police Bureau, their surviving spouses, and their dependent minor children. The fund is supported primarily through a separate property tax levy originally authorized by the voters in 1948. The levy is a rate-based levy, providing a maximum rate of \$2.80 per \$1,000 of real market value.

**Managing Agency** Bureau of Fire & Police Disability & Retirement

## Significant Changes from Prior Year

Net of tax anticipation notes - which artificially inflate the size of the budget because the notes are issued and repaid in the same fiscal year - total fund requirements for FY 2019-20 are \$178.1 million. This is an increase of \$11.3 million or 6.8% from the FY 2018-19 Revised Budget, a similar growth rate as in the previous five years. FPDR benefit costs will continue to increase above and beyond inflation for the next 15 – 20 years as the fund bears the cost of financing two generations of retirees simultaneously: pay-as-you-go FPDR pension benefits for FPDR One and Two members during retirement, and prefunded contributions to the Oregon Public Employee Retirement System (PERS) for FPDR Three members during their working lives. FPDR One and Two members were hired before January 1, 2007; FPDR Three members on or after that date.

**Fund Requirements**

External materials and services, which mainly consists of direct pension payments to FPDR One and Two retirees (or their beneficiaries), continues to increase as more FPDR Two members retire. FPDR Two members have a more generous pension benefit than FPDR One members. In addition, recent wage increases – particularly a 3.6% cost of living adjustment on July 1, 2018 and three successive years of 3.0% pay increases for Portland Police Association members – have increased final pay and therefore FPDR Two pensions in recent years.

Internal materials and services is the fastest growing component of FPDR's budget, and is budgeted to increase 31.7% (\$5.2 million) for FY 2019-20. The largest item within internal materials and services is reimbursements to the Fire and Police Bureaus for PERS contributions made on behalf of FPDR Three members. This budget will continue to increase exponentially over the next 15 – 20 years, as FPDR Three members constitute an ever larger percentage of the sworn workforce. In addition to growth in the number of employees on which PERS contributions must be made, PERS contribution rates for this population grew from 24.46% of wages in FY 2018-19 to 29.16% in FY 2019-20. Finally, FPDR Three payroll is increasing as police officers and fire fighters hired since 2007 move through the annual pay steps and are promoted to higher ranks, as well as for the reasons discussed above.

Within fund level expenditures, the FY 2019-20 debt service budget is projected to drop 7.5%, or \$4.4 million, as compared with FY 2018-19. This is a methodology, rather than an operational, change. FPDR has historically budgeted its annual TAN issue as the sum of 4 ½ months of expenses, to cover expenditures from the start of the fiscal year on July 1 until property tax revenues are received in mid-November. However, this method ignores the fact that FPDR can usually fund some costs with beginning fund balance. This year, FPDR's TAN budget was reduced to reflect the projected availability of \$17.5 million in fund balance on July 1, 2019.

**Fund Revenues**

Budgeted property tax collections will increase by \$4.9 million, or 3.2%, from the FY 2018-19 Revised Budget to the FY 2019-20 Requested budget. Since property taxes make up roughly 98% of FPDR's resources, taxes typically grow in accordance with fund requirements. However, tax collections are budgeted to grow less than expenditures for FY 2019-20 because of a higher projected beginning fund balance than originally anticipated, which reduces the amount of tax revenue needed for next year. The higher fund balance is the result of a one-time retroactive property tax payment received in FY 2018-19 and under-spending in the pension budget for the current year. Despite growing benefit expenses and the resulting need for more tax revenue, strong sustained growth in Portland real market values (RMV) over the last several years has driven the FPDR RMV property tax levy down in each of the last five years. The rate currently sits at \$1.09 for FY 2018-19 and is expected to decrease again to \$1.08 for FY 2019-20.

Interagency revenue is expected to grow by 23.6%, or \$0.3 million, for FY 2019-20. This revenue category is mostly funds collected by the Police Bureau when sworn services are contracted out to third parties. In addition to wages and benefits, outside parties are charged an overhead rate for pension and disability costs, which is then passed on to FPDR. The pension overhead rate is equal to one of the PERS contribution rates; as those rates rise so does the overhead revenue collected. In addition, the Police Bureau expects to expand its capacity to take on third-party work in the coming year as it recovers from a staffing shortfall. More third-party work will also increase overhead revenue.

Finally, FY 2019-20 miscellaneous revenues are projected to be 71.3%, or \$0.8 million, higher than in FY 2018-19. This is entirely attributable to rising interest rates, which will generate more interest income on the FPDR fund balance.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
<b>Total External Revenues</b>	0	0	0	0	0	0
Fund Transfers - Revenue	0	0	750,000	750,000	750,000	750,000
<b>Total Internal Revenues</b>	0	0	750,000	750,000	750,000	750,000
Beginning Fund Balance	750,000	750,000	750,000	750,000	750,000	750,000
<b>Total Resources</b>	<b>750,000</b>	<b>750,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	0	0	0	0	0	0
Fund Transfers - Expense	0	0	750,000	750,000	750,000	750,000
<b>Total Fund Expenditures</b>	0	0	750,000	750,000	750,000	750,000
Ending Fund Balance	750,000	750,000	750,000	750,000	750,000	750,000
<b>Total Requirements</b>	<b>750,000</b>	<b>750,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>

## Fund Overview

The Fire & Police Disability & Retirement (FPDR) Reserve Fund was established by City Charter and currently totals \$1.5 million. The fund is for use only in the event the FPDR Fund becomes depleted to the extent that current obligations cannot be met. Interest income on these resources is booked directly to the FPDR Fund.

**Managing Agency** Bureau of Fire & Police Disability & Retirement

# Fire & Police Supplemental Retirement Reserve Fund

## Fund Summary

Public Safety Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	0	15	50	700	700	700
<b>Total External Revenues</b>	<b>0</b>	<b>15</b>	<b>50</b>	<b>700</b>	<b>700</b>	<b>700</b>
Fund Transfers - Revenue	6,344	54,000	0	0	0	0
<b>Total Internal Revenues</b>	<b>6,344</b>	<b>54,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	3,106	839	44,550	34,000	34,000	34,000
<b>Total Resources</b>	<b>9,450</b>	<b>54,854</b>	<b>44,600</b>	<b>34,700</b>	<b>34,700</b>	<b>34,700</b>
<b>Requirements</b>						
External Materials and Services	8,611	8,812	10,000	10,000	10,000	10,000
<b>Total Bureau Expenditures</b>	<b>8,611</b>	<b>8,812</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	839	46,042	34,600	24,700	24,700	24,700
<b>Total Requirements</b>	<b>9,450</b>	<b>54,854</b>	<b>44,600</b>	<b>34,700</b>	<b>34,700</b>	<b>34,700</b>

## Fund Overview

The Fire & Police Supplemental Retirement Reserve Fund was established by City Ordinance #138016 for the purpose of providing certain disability, service retirement, and death benefits for Bruce Baker, a former Chief of Police for the City of Portland. This supplemental trust was established in accordance with ORS 237.620 because Mr. Baker was not eligible for membership in, or benefits from, either the Fire and Police Disability and Retirement System or the Public Employees Retirement System.

**Managing Agency** City Budget Office

## Significant Changes from Prior Year

No significant changes.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
<b>Total External Revenues</b>	0	0	0	0	0	0
<b>Total Internal Revenues</b>	0	0	0	0	0	0
Beginning Fund Balance	0	0	0	0	0	0
<b>Total Resources</b>	0	0	0	0	0	0
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	0	0	0	0	0	0
<b>Total Fund Expenditures</b>	0	0	0	0	0	0
Ending Fund Balance	0	0	0	0	0	0
<b>Total Requirements</b>	0	0	0	0	0	0

## Fund Overview

The Fire Capital Fund (Fund 405) was created was amended into City Code 5.04.580 via Ordinance 189560 on June 12, 2019 and became an active fund on July 1, 2019.

Portland Fire & Rescue (PF&R) is responsible for the operation, maintenance, and replacement of 31 fire stations, a training center, a logistics center, and fire prevention offices. PF&R also operates and maintains approximately 50 frontline engines, trucks, and specialty apparatus. The bureau also provides specialized personal protective equipment for firefighters such as self-contained breathing apparatus (SCBA) and turnout gear.

The goal of the Fire Capital Fund is to improve PF&R's ability to plan, finance, and set aside funds for the repair, replacement, and renewal of assets. As funding is identified, the fund will reduce the bureau's reliance on one-time funds and ensure intergenerational equity in distributing the costs of providing PF&R's core public safety services. This newly-created fund has no budgeted resources in Fiscal Year 2019-20.

**Managing Agency** Portland Fire & Rescue

# Police Special Revenue Fund

## Fund Summary

Public Safety Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Intergovernmental	2,604,334	1,734,681	995,000	450,575	450,575	450,575
Miscellaneous	165,225	206,041	159,703	62,807	62,807	62,807
<b>Total External Revenues</b>	<b>2,769,559</b>	<b>1,940,722</b>	<b>1,154,703</b>	<b>513,382</b>	<b>513,382</b>	<b>513,382</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	3,850,584	4,869,458	4,949,109	4,338,964	4,338,964	4,338,964
<b>Total Resources</b>	<b>6,620,143</b>	<b>6,810,180</b>	<b>6,103,812</b>	<b>4,852,346</b>	<b>4,852,346</b>	<b>4,852,346</b>
<b>Requirements</b>						
Personnel Services	232,151	184,056	190,617	199,038	199,038	199,038
External Materials and Services	987,600	1,206,948	4,953,313	4,653,308	4,653,308	4,653,308
Internal Materials and Services	530,934	330,293	0	0	0	0
Capital Outlay	0	264,447	712,862	0	0	0
<b>Total Bureau Expenditures</b>	<b>1,750,685</b>	<b>1,985,744</b>	<b>5,856,792</b>	<b>4,852,346</b>	<b>4,852,346</b>	<b>4,852,346</b>
Fund Transfers - Expense	0	0	247,020	0	0	0
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>247,020</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	4,869,458	4,824,436	0	0	0	0
<b>Total Requirements</b>	<b>6,620,143</b>	<b>6,810,180</b>	<b>6,103,812</b>	<b>4,852,346</b>	<b>4,852,346</b>	<b>4,852,346</b>

## Fund Overview

The Police Special Revenue Fund was established by City Council in May 2009. The purpose of the fund is to account for restricted or committed law enforcement revenues.

Revenues are received from other governments, donations, and interest on investments. Intergovernmental revenues are part of revenue sharing agreements between the City of Portland and other agencies. Resources received from the Federal government are part of a cost-sharing formula governed by the U.S. Department of Justice. These revenues have strict spending guidelines and are subject to federal audit standards. State and local revenue cost sharing agreements have similar reporting and spending requirements.

Donations to the Portland Police Bureau are booked as revenue in the Police Special Revenue Fund, received for restricted spending on bureau programs from time-to-time. Expenditures are restricted to the respective programs. If the donation does not have a specific program or project identified, then the donation is put to general law enforcement expenditures.

The Regional Justice Information Network (RegJIN) is a law enforcement records management system operated by the City for the use of roughly 40 participating agencies across the five-county Portland metro area. Participating partner agencies pay fees for proportionate shares of RegJIN system expense, and those revenues and expenditures are accounted for within the Police Special Revenue fund.

**Managing Agency** Portland Police Bureau

**Significant Changes from Prior Year**

The FY 2019-20 Police Special Revenue Fund budget reflects a decrease in intergovernmental revenue compared to the current appropriation in FY 2018-19. This decrease in intergovernmental revenue is primarily due to declining participation in the RegJIN records management system and associated payments from other local jurisdictions. This revenue shortfall will require an offset of General Fund resources to cover the bureau's cost obligations for the RegJIN system.

# Public Safety GO Bond Fund

## Fund Summary

Public Safety Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Intergovernmental	10,503	0	0	0	0	0
Miscellaneous	111,213	35,686	0	0	0	0
<b>Total External Revenues</b>	<b>121,716</b>	<b>35,686</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	19,217,694	4,941,296	1,213,625	0	0	0
<b>Total Resources</b>	<b>19,339,410</b>	<b>4,976,982</b>	<b>1,213,625</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Requirements</b>						
Personnel Services	224,705	0	0	0	0	0
External Materials and Services	8,392,257	700	0	0	0	0
Internal Materials and Services	909,028	65,156	0	0	0	0
Capital Outlay	4,569,075	2,075,708	1,053,738	0	0	0
<b>Total Bureau Expenditures</b>	<b>14,095,065</b>	<b>2,141,564</b>	<b>1,053,738</b>	<b>0</b>	<b>0</b>	<b>0</b>
Fund Transfers - Expense	303,049	1,621,793	159,887	0	0	0
<b>Total Fund Expenditures</b>	<b>303,049</b>	<b>1,621,793</b>	<b>159,887</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	4,941,296	1,213,625	0	0	0	0
<b>Total Requirements</b>	<b>19,339,410</b>	<b>4,976,982</b>	<b>1,213,625</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Fund Overview

On November 2, 2010, the citizens of Portland authorized the sale of \$72.4 million in general obligation bonds to support a \$104 million program to improve the City's public safety infrastructure, including:

- ◆ Replacement of fire apparatus
- ◆ Construction of a fire station
- ◆ Construction of an Emergency Coordination Center
- ◆ Replacement of the City's 800 MHz radio system

The Public Safety General Obligation Bond Fund was approved by Council in December 2010 to account for these projects.

**Managing Agency** Office of Management & Finance, Office of the Chief Administrative Officer

## Significant Changes from Prior Year

The program was completed in FY 2018-19 and the fund is now closed.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	7,699,502	8,812,282	9,102,204	9,037,262	9,037,262	9,037,262
Bond & Note	0	335,000	0	0	0	0
Miscellaneous	4,147	120,357	197,365	0	0	0
<b>Total External Revenues</b>	<b>7,703,649</b>	<b>9,267,639</b>	<b>9,299,569</b>	<b>9,037,262</b>	<b>9,037,262</b>	<b>9,037,262</b>
Fund Transfers - Revenue	800,000	0	0	0	0	0
<b>Total Internal Revenues</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	286,028	382,388	880,883	711,159	711,159	711,159
<b>Total Resources</b>	<b>8,789,677</b>	<b>9,650,027</b>	<b>10,180,452</b>	<b>9,748,421</b>	<b>9,748,421</b>	<b>9,748,421</b>
<b>Requirements</b>						
Personnel Services	3,547,988	3,366,120	3,299,502	3,137,179	3,137,179	3,137,179
External Materials and Services	3,885,970	4,579,922	4,695,543	4,443,869	4,443,869	4,443,869
Internal Materials and Services	351,870	526,800	758,289	573,480	573,480	573,480
<b>Total Bureau Expenditures</b>	<b>7,785,828</b>	<b>8,472,841</b>	<b>8,753,334</b>	<b>8,154,528</b>	<b>8,154,528</b>	<b>8,154,528</b>
Debt Service	205,321	286,486	485,212	437,377	437,377	437,377
Contingency	0	0	482,025	749,390	749,390	749,390
Fund Transfers - Expense	416,140	442,654	459,881	407,126	407,126	407,126
<b>Total Fund Expenditures</b>	<b>621,461</b>	<b>729,140</b>	<b>1,427,118</b>	<b>1,593,893</b>	<b>1,593,893</b>	<b>1,593,893</b>
Ending Fund Balance	382,388	448,046	0	0	0	0
<b>Total Requirements</b>	<b>8,789,677</b>	<b>9,650,027</b>	<b>10,180,452</b>	<b>9,748,421</b>	<b>9,748,421</b>	<b>9,748,421</b>

## Fund Overview

The Golf Fund is an enterprise fund that accounts for all resources and requirements of the Portland Parks & Recreation Golf program.

The primary sources of revenue to the Golf Fund are the following:

- ◆ Revenues from contracts with concessionaires located at each of the City's golf courses. This includes revenues derived from food and beverage services, clothing and equipment sales, golf lessons, cart rental, and collection of greens fees.
- ◆ Greens fees are paid by golfers for each round of golf played - whether nine holes or 18 holes.

**Managing Agency**      Portland Parks & Recreation

## Significant Changes from Prior Year

**Capital Improvement**      The capital project to redesign and improve the driving range and parking lot, as well as create a new revenue-generating event space at Colwood Golf Course, was completed in July 2017.

**Operations**      Reductions in personnel taken in FY 2017-18 will be kept for the foreseeable future, keeping operating costs at a lower level. The Golf Program instituted a \$1/nine-hole round fee increase, increasing greens fee revenues.

# Parks Capital Improvement Program Fund

## Fund Summary

Parks, Recreation, & Culture Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	30,438,000	36,388,521	20,000,000	16,000,000	16,000,000	16,000,000
Intergovernmental	88,738	186,165	0	0	0	0
Bond & Note	0	24,698,337	1,822,850	12,369,000	12,369,000	12,369,000
Miscellaneous	4,966,199	6,128,505	5,536,570	4,478,607	4,478,607	4,478,607
<b>Total External Revenues</b>	<b>35,492,937</b>	<b>67,401,528</b>	<b>27,359,420</b>	<b>32,847,607</b>	<b>32,847,607</b>	<b>32,847,607</b>
Fund Transfers - Revenue	11,280,823	2,907,742	5,858,147	5,344,617	5,344,617	5,344,617
Interagency Revenue	45,907	38,055	200,000	0	0	0
<b>Total Internal Revenues</b>	<b>11,326,730</b>	<b>2,945,797</b>	<b>6,058,147</b>	<b>5,344,617</b>	<b>5,344,617</b>	<b>5,344,617</b>
Beginning Fund Balance	89,018,850	100,810,885	136,994,931	84,692,422	84,692,422	84,692,422
<b>Total Resources</b>	<b>135,838,517</b>	<b>171,158,211</b>	<b>170,412,498</b>	<b>122,884,646</b>	<b>122,884,646</b>	<b>122,884,646</b>
<b>Requirements</b>						
Personnel Services	3,224,992	3,665,894	5,893,384	4,169,381	4,136,066	4,136,066
External Materials and Services	8,370,333	16,520,208	44,477,871	31,704,469	31,737,784	31,737,784
Internal Materials and Services	629,224	609,255	428,006	816,154	816,154	816,154
Capital Outlay	22,323,192	12,386,872	59,674,045	64,057,447	64,057,447	64,057,447
<b>Total Bureau Expenditures</b>	<b>34,547,741</b>	<b>33,182,229</b>	<b>110,473,306</b>	<b>100,747,451</b>	<b>100,747,451</b>	<b>100,747,451</b>
Debt Service	104,736	534,708	1,881,360	281,337	281,337	281,337
Contingency	0	0	57,514,543	21,223,491	21,223,491	21,223,491
Fund Transfers - Expense	375,155	446,343	543,289	632,367	632,367	632,367
<b>Total Fund Expenditures</b>	<b>479,891</b>	<b>981,051</b>	<b>59,939,192</b>	<b>22,137,195</b>	<b>22,137,195</b>	<b>22,137,195</b>
Ending Fund Balance	100,810,885	136,994,931	0	0	0	0
<b>Total Requirements</b>	<b>135,838,517</b>	<b>171,158,211</b>	<b>170,412,498</b>	<b>122,884,646</b>	<b>122,884,646</b>	<b>122,884,646</b>

## Fund Overview

The Parks Capital Improvement Program (CIP) Fund accounts for all capital resources and requirements for Portland Parks & Recreation with the exception of capital activity relating to two enterprise funds: the Golf Fund and the Portland International Raceway Fund.

### Revenue Sources

The primary sources of revenue to the Parks Capital Improvement Program Fund include service charges and fees from our System Development Charges program; General Fund discretionary; local, state and federal grants; and the 2014 Parks Replacement Bond measure.

### Project Selection and Prioritization

Capital projects are prioritized within the bureau's 20-year CIP using a service-area rating, households-served rating, and equity rating based upon the City's vulnerability index. Parks Bureau's approach to asset investment decisions is evolving to include more data, with staff utilizing objective data such as from census, Level of Service Studies, and Condition Assessments to help prioritize projects.

The selection results are then validated by key internal stakeholders, considering factors such as legal compliance, ADA compliance, public support, alignment with city and bureau plans, equity, and human health and safety, and are ultimately approved or edited by leadership through the public budget process.

### Managing Agency

Portland Parks & Recreation

**Significant Changes from Prior Year**

The Parks Capital Improvement Program has not seen significant changes in the past year. The 2014 passage of the \$68 million replacement bond measure continues to help the bureau deal with its backlog of deferred maintenance. System Development Charges continue to bring in revenue to help the parks system keep up with growth and new development in the City.

# Parks Endowment Fund

## Fund Summary

Parks, Recreation, & Culture Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	1,936	2,628	2,309	3,062	3,062	3,062
<b>Total External Revenues</b>	<b>1,936</b>	<b>2,628</b>	<b>2,309</b>	<b>3,062</b>	<b>3,062</b>	<b>3,062</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	182,822	184,758	187,187	189,523	189,523	189,523
<b>Total Resources</b>	<b>184,758</b>	<b>187,386</b>	<b>189,496</b>	<b>192,585</b>	<b>192,585</b>	<b>192,585</b>
<b>Requirements</b>						
Personnel Services	0	0	750	0	0	0
External Materials and Services	0	200	22,230	28,544	28,544	28,544
Internal Materials and Services	0	0	775	0	0	0
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>200</b>	<b>23,755</b>	<b>28,544</b>	<b>28,544</b>	<b>28,544</b>
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	184,758	187,187	165,741	164,041	164,041	164,041
<b>Total Requirements</b>	<b>184,758</b>	<b>187,387</b>	<b>189,496</b>	<b>192,585</b>	<b>192,585</b>	<b>192,585</b>

## Fund Overview

The Parks Endowment Fund accounts for gifts, donations, and endowments of a permanent nature, whereby the donation principal is invested and interest earnings are available to support programs and services as directed by the funding donor. There are currently four endowments within the fund.

### F.L. Beach Curbside Rose Award Trust

This endowment was established in 1975. Its purpose is to encourage planting and maintaining roses that will be visible to the public. An incentive system was established through awards and annual competitions, which are funded from the trust. Funds unspent in a given year are reinvested to increase fund balances.

### Parks Maintenance Endowment

This endowment was established in FY 2002-03. Earnings are reinvested to increase the size of the endowment with the intent of eventually generating sufficient interest income to help maintain the parks system.

### Washington Park Children's Playground Endowment

This endowment was established by a \$75,000 donation from the Portland Rotary Club with the goal of maintaining the playground in Washington Park.

### The Dietz Fountain at Wallace Park Endowment

This endowment was established in FY 2003-04 with an original gift of \$4,500. Income from this endowment contributes toward maintenance of the Dietz Fountain.

### Managing Agency

Portland Parks & Recreation

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	768	977	759	0	0	0
Miscellaneous	7,022	9,078	10,862	0	0	0
<b>Total External Revenues</b>	<b>7,790</b>	<b>10,055</b>	<b>11,621</b>	<b>0</b>	<b>0</b>	<b>0</b>
Fund Transfers - Revenue	0	0	0	1,838	1,838	1,838
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,838</b>	<b>1,838</b>	<b>1,838</b>
Beginning Fund Balance	673,877	659,131	551,822	0	0	0
<b>Total Resources</b>	<b>681,667</b>	<b>669,186</b>	<b>563,443</b>	<b>1,838</b>	<b>1,838</b>	<b>1,838</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Contingency	0	0	0	1,838	1,838	1,838
Fund Transfers - Expense	22,536	117,345	563,443	0	0	0
<b>Total Fund Expenditures</b>	<b>22,536</b>	<b>117,345</b>	<b>563,443</b>	<b>1,838</b>	<b>1,838</b>	<b>1,838</b>
Ending Fund Balance	659,131	551,842	0	0	0	0
<b>Total Requirements</b>	<b>681,667</b>	<b>669,187</b>	<b>563,443</b>	<b>1,838</b>	<b>1,838</b>	<b>1,838</b>

## Fund Overview

The Parks Local Option Levy Fund was established following voter approval of the Parks Local Option Levy in November 2002. The purpose of the levy was to restore \$2.2 million in funding reductions made in FY 2002-03; provide access to recreational programs for children, families, and seniors; provide safe places to play; and restore, renovate, and continue to maintain the park system.

Resources in this fund are derived from property tax revenues and interest earnings. Fund requirements include costs associated with Portland Parks & Recreation programs and services.

The levy expired June 30, 2008; due to favorable interest rates, tax collections, and delays in capital improvements, the ending fund balance allowed for an additional year of program funding. Since FY 2008-09, Council has allocated \$5.4 million of ongoing General Fund resources to backfill the funding that had been provided by the levy.

**Managing Agency**      Portland Parks & Recreation

## Significant Changes from Prior Year

The remainder of the fund is planned to be spent in FY 2018-19; however, some funding will be carried over into FY 2019-20 based on program funding needs.

# Portland International Raceway Fund

## Fund Summary

Parks, Recreation, & Culture Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	1,807,485	1,820,773	1,954,961	1,861,021	1,861,021	1,861,021
Bond & Note	0	0	1,750,000	0	0	0
Miscellaneous	12,490	89,370	51,688	129,680	129,680	129,680
<b>Total External Revenues</b>	<b>1,819,975</b>	<b>1,910,142</b>	<b>3,756,649</b>	<b>1,990,701</b>	<b>1,990,701</b>	<b>1,990,701</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	356,265	536,775	714,911	845,987	845,987	845,987
<b>Total Resources</b>	<b>2,176,240</b>	<b>2,446,917</b>	<b>4,471,560</b>	<b>2,836,688</b>	<b>2,836,688</b>	<b>2,836,688</b>
<b>Requirements</b>						
Personnel Services	757,158	864,773	1,096,138	912,880	912,880	912,880
External Materials and Services	338,293	597,231	630,760	733,442	733,442	733,442
Internal Materials and Services	121,640	161,093	125,446	147,630	147,630	147,630
Capital Outlay	0	0	1,750,000	23,463	23,463	23,463
<b>Total Bureau Expenditures</b>	<b>1,217,091</b>	<b>1,623,097</b>	<b>3,602,344</b>	<b>1,817,415</b>	<b>1,817,415</b>	<b>1,817,415</b>
Debt Service	318,913	41,274	314,158	331,371	331,371	331,371
Contingency	0	0	476,226	605,766	605,766	605,766
Fund Transfers - Expense	103,461	67,636	78,832	82,136	82,136	82,136
<b>Total Fund Expenditures</b>	<b>422,374</b>	<b>108,910</b>	<b>869,216</b>	<b>1,019,273</b>	<b>1,019,273</b>	<b>1,019,273</b>
Ending Fund Balance	536,775	714,911	0	0	0	0
<b>Total Requirements</b>	<b>2,176,240</b>	<b>2,446,918</b>	<b>4,471,560</b>	<b>2,836,688</b>	<b>2,836,688</b>	<b>2,836,688</b>

## Fund Overview

The Portland International Raceway (PIR) Fund is the enterprise fund that accounts for all resources and requirements associated with management and operation of the PIR.

The primary sources of ongoing revenues to the PIR Fund are PIR facilities rental revenues, percentage of sales from the food and beverage contracted service provider, user group advertising, and track sponsorship.

**Managing Agency** Portland Parks & Recreation

## Significant Changes from Prior Year

**Capital Improvement** PP&R/PIR completed the repaving project of the South Paddock in the fall of 2018. Also, Green Savoree Racing Promotions, the promoter of the Nippon Telegraph and Telephone (NTT) IndyCar Series race over Labor Day weekend, contributed to track improvements with fencing and bleacher upgrades.

**Operations**

PIR anticipates the completed paving of the South Paddock will result in an increase in groups looking for a venue to hold dynamic vehicle testing and events, and thus additional revenue opportunities for PIR. 2018 marked the return of professional road racing at PIR as the World Challenge GT cars joined the Rose Cup races in July, and the NTT IndyCar Series/Grand Prix of Portland, was held on Labor Day weekend. The continuation of these events in future years, along with increased media coverage, will increase PIR attendance, revenues, and economic impact to the greater Portland area.

# Portland Parks Memorial Trust Fund

## Fund Summary

Parks, Recreation, & Culture Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Licenses & Permits	711,620	1,167,745	775,000	750,000	750,000	750,000
Charges for Services	3,287,614	4,163,841	3,303,000	3,866,757	3,866,757	3,866,757
Miscellaneous	873,805	742,924	1,132,205	653,891	653,891	653,891
<b>Total External Revenues</b>	<b>4,873,039</b>	<b>6,074,511</b>	<b>5,210,205</b>	<b>5,270,648</b>	<b>5,270,648</b>	<b>5,270,648</b>
Fund Transfers - Revenue	67,318	68,990	128,036	69,645	69,645	69,645
Interagency Revenue	0	80,925	0	0	0	0
<b>Total Internal Revenues</b>	<b>67,318</b>	<b>149,915</b>	<b>128,036</b>	<b>69,645</b>	<b>69,645</b>	<b>69,645</b>
Beginning Fund Balance	7,092,150	7,533,895	9,597,640	9,421,209	9,421,209	9,421,209
<b>Total Resources</b>	<b>12,032,507</b>	<b>13,758,321</b>	<b>14,935,881</b>	<b>14,761,502</b>	<b>14,761,502</b>	<b>14,761,502</b>
<b>Requirements</b>						
Personnel Services	940,504	1,481,081	1,951,430	1,768,810	1,768,810	1,768,810
External Materials and Services	158,663	288,714	7,824,731	8,845,184	8,845,184	8,845,184
Internal Materials and Services	2,015,545	2,428,600	1,992,854	2,318,267	2,318,267	2,318,267
Capital Outlay	0	0	50,000	0	0	0
<b>Total Bureau Expenditures</b>	<b>3,114,712</b>	<b>4,198,395</b>	<b>11,819,015</b>	<b>12,932,261</b>	<b>12,932,261</b>	<b>12,932,261</b>
Contingency	0	0	2,888,266	1,147,641	1,147,641	1,147,641
Fund Transfers - Expense	1,383,900	854,950	228,600	681,600	681,600	681,600
<b>Total Fund Expenditures</b>	<b>1,383,900</b>	<b>854,950</b>	<b>3,116,866</b>	<b>1,829,241</b>	<b>1,829,241</b>	<b>1,829,241</b>
Ending Fund Balance	7,533,895	8,704,976	0	0	0	0
<b>Total Requirements</b>	<b>12,032,507</b>	<b>13,758,321</b>	<b>14,935,881</b>	<b>14,761,502</b>	<b>14,761,502</b>	<b>14,761,502</b>

## Fund Overview

The Portland Parks Memorial Fund was established to receive grant revenue as well as donations from foundations, friends' organizations, neighborhood associations, and other entities. These funds often have restrictions related to the purpose and the period by which to use such funds.

### Fund Requirements

Resources within this fund are typically used for one-time expenditures for specific improvements or services, or for ongoing programs with resources coming from a specific revenue source. Individual grants or donations are managed in separate accounts within the fund, according to the provisions of the contract, grant, or donor agreement.

### Managing Agency

Portland Parks & Recreation

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	9,389,016	10,074,464	6,143,126	6,441,935	6,441,935	6,441,935
Intergovernmental	1,933,539	1,881,245	1,817,409	1,767,446	1,767,446	1,767,446
Miscellaneous	98,098	129,447	35,000	222,060	222,060	222,060
<b>Total External Revenues</b>	<b>11,420,653</b>	<b>12,085,156</b>	<b>7,995,535</b>	<b>8,431,441</b>	<b>8,431,441</b>	<b>8,431,441</b>
Interagency Revenue	55	0	0	0	0	0
<b>Total Internal Revenues</b>	<b>55</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	7,970,062	7,312,293	10,187,619	9,000,000	9,000,000	9,000,000
<b>Total Resources</b>	<b>19,390,770</b>	<b>19,397,449</b>	<b>18,183,154</b>	<b>17,431,441</b>	<b>17,431,441</b>	<b>17,431,441</b>
<b>Requirements</b>						
Personnel Services	379,665	411,779	480,790	501,867	501,867	501,867
External Materials and Services	5,052,945	3,351,799	3,542,464	3,924,250	3,924,250	3,924,250
Internal Materials and Services	185,269	318,880	320,431	386,756	386,756	386,756
Capital Outlay	1,803,114	2,136,664	2,457,000	1,700,000	1,700,000	1,700,000
<b>Total Bureau Expenditures</b>	<b>7,420,993</b>	<b>6,219,122</b>	<b>6,800,685</b>	<b>6,512,873</b>	<b>6,512,873</b>	<b>6,512,873</b>
Debt Service	4,524,078	2,842,127	3,441,592	3,442,375	3,442,375	3,442,375
Contingency	0	0	7,730,539	7,245,345	7,245,345	7,245,345
Fund Transfers - Expense	133,406	148,579	210,338	230,848	230,848	230,848
<b>Total Fund Expenditures</b>	<b>4,657,484</b>	<b>2,990,706</b>	<b>11,382,469</b>	<b>10,918,568</b>	<b>10,918,568</b>	<b>10,918,568</b>
Ending Fund Balance	7,312,293	10,187,621	0	0	0	0
<b>Total Requirements</b>	<b>19,390,770</b>	<b>19,397,449</b>	<b>18,183,154</b>	<b>17,431,441</b>	<b>17,431,441</b>	<b>17,431,441</b>

## Fund Overview

The Spectator Venues & Visitor Activities Fund (SVVAF) is a self-sustaining enterprise fund established to provide oversight of City-owned spectator and performing arts facilities and to support City travel, tourism, and visitor development efforts. The fund accounts for resources and requirements for program activities and administration of the facilities. Additionally, it is responsible for City-obligated direct expenses at the City-owned facilities and payments on certain debt obligations.

Major program activities include: facility operations, maintenance, repair and capital improvements; financial planning and contract administration; special projects; and liaison activities among City bureaus, other governmental agencies, and private parties, including a broad range of organizations engaged in travel, tourism, and visitor development activities.

### Rose Quarter

Rose Quarter facilities include: the Moda Center, Veterans Memorial (VMC) Coliseum, East/West Parking Garages, Plaza, Benton Lot, and Phase II Lot. The Moda Center is the home venue for the Portland Trail Blazers, a National Basketball Association franchise team. The VMC is the home venue for the Portland Winterhawks, a Western Hockey League franchise team. The Rose Quarter venues host a variety of other sports, entertainment, community, and arts and/or cultural events, as well as a variety of expositions, conferences, and trade shows. User fees and parking receipts from the Rose Quarter's venues account for over 75% of the annual projected revenue for the fund.

Rose Quarter facilities are operated under several agreements including the Veterans Memorial Coliseum Operating Agreement (VMC OA) and the Arena Ground Lease (AGL). Both of these agreements are nearing their termination dates; the VMC OA in 2023 and the AGL in 2025. Because the Rose Quarter revenues account for such a large proportion of the SVVAF revenue, timely discussion and agreement regarding the future so these agreements is imperative. Agreement timelines have been impacted by the 2018 death of Paul Allen, owner of both the Portland Trail Blazers' NBA franchise and Rip City Management.

### **Providence Park**

Providence Park, a Major League Soccer (MLS) facility since 2011, serves as the home venue for the Portland Timbers, a Major League Soccer franchise team; the Portland State Vikings, a National Collegiate Athletic Association (NCAA) affiliated football team; and the Portland Thorns, a National Women's Soccer League (NWSL) franchise team. The City's share of the 2011 renovation cost is being paid through 20-year bonds that are expected to be retired in FY 2026-27. Final payment on the 20-year bonds for the stadium's 2000 renovation will be made in FY 2022-23.

A 25-year operating agreement with Peregrine Sports, LLC took effect on January 1, 2011, and provided the fund with a gradually increasing flow of revenue from user fees and license payments for the first seven-years of the agreement. Those payments were to significantly decrease in operating-year eight (calendar year 2018). FY 2017-18 was the last year in which any license payments will be made to the City. In late 2017, the City Council approved the final documents allowing a 4,000-seat expansion to the stadium. The \$50+ million project is being paid for by Peregrine Sports and opened in June 2019. To help offset the cost of project, certain limited-term exemptions on payments of surplus user fees owed to the City were granted to Peregrine Sports. The result of the exemptions, and the end of the license payments mean that the City will not collect revenue from the stadium until 2022 and will not collect surplus user fees on the new expansion seats until 2026. The City's net expenses to operate and maintain Providence Park, and to cover the associated debt service, continues to rely on net income from Rose Quarter operations.

### **Portland's 5 Centers for the Arts**

In FY 2015-16, the Portland's 5 Centers for the Arts venues were added to the SVVAF program portfolio. The Portland's 5 venues, which are operated on the City's behalf by Metro, consist of three buildings: Keller Auditorium, Schnitzer Concert Hall, and Antoinette Hatfield Hall. SVVAF staff continue to work with Metro on needs assessments for each building and are currently engaged in an effort to develop seismic retrofit options for the Keller Auditorium. Other than a one-time contribution in FY 2018-19 to an acoustical shell project at the Arlene Schnitzer Concert Hall, no specific commitment to participate in funding of capital needs at these facilities has been made by the City.

### **Veterans Memorial Coliseum**

Based on a City Council decision in 2010, the SVVAF program, through the Rose Quarter's contracted operators, continues to operate the VMC as a spectator and event facility. The VMC Options Study, which was completed in August 2015, provided City Council with detailed cost estimates and business case analyses of five potential options for renovation of the VMC, as well as options to continue operating the facility in its current condition, close the facility, or deconstruct the building to create a redevelopment site.

During FY 2016-17 and FY 2017-18, approximately \$5 million was expended from the SVVAF to address deferred maintenance, including a full roof replacement and repair to the fascia. In addition, modest upgrades were made to improve functional building elements, such as concessions, to enhance spectator experience.

Based on a City Council decision in 2010, the SVVAF program, through the Rose Quarter's contracted operators, continues to operate the VMC as a spectator and event facility. The 2015 VMC Options Study provided cost estimates and business case analyses of potential options for renovation of the VMC. SVVAF are working to identify funding for a major renovation of the facility and to identify modest strategic improvements to improve the reliability of the venue and improve the spectator experience.

Between FY 2012-13 and FY 2017-18, approximately \$10 million was expended from the SVVAF to address several major deferred maintenance projects. In addition, modest improvements were made to improve functional building elements, such as concessions, to enhance the spectator experience. The venue's financial performance has improved significantly during this five-year period and is projected to continue to trend positively. FY 2017-18 generated a significant net operating profit due to the Phil Knight Invitational Basketball Tournament in November 2017. However, major capital investments are needed to maintain the long-term viability of the building, exceeding the capacity of the SVVAF.

**Managing Agency**

Office of Management & Finance, Office of the Chief Administrative Officer

# Spectator Venues & Visitor Activities Fund

## Debt Summary

Parks, Recreation, & Culture Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Limited Tax Revenue Bonds, 2012 Series A JELD-WEN Field Project (Federally Taxable)</b>						
<b>04/24/2012 - Due 6/1</b>	12,000,000					
		2019/20	0		405,488	405,488
		2020/21	0		405,488	405,488
		2021/22	0		405,488	405,488
		2022/23	0		405,488	405,488
		2023/24	2,855,000	3.25%	405,488	3,260,488
		2024/25	2,950,000	3.25%	312,700	3,262,700
		2025/26	3,045,000	3.50%	216,825	3,261,825
		2026/27	3,150,000	3.50%	110,250	3,260,250
		<b>TOTAL</b>	<b>12,000,000</b>		<b>2,667,213</b>	<b>14,667,213</b>
<b>Limited Tax Revenue Refunding Bonds, Series 2013 (Stadium Project)</b>						
<b>12/11/2013 - Due 6/1</b>	21,915,000					
		2019/20	2,692,000	3.27%	344,887	3,036,887
		2020/21	2,780,000	3.27%	256,859	3,036,859
		2021/22	2,873,000	3.27%	165,953	3,038,953
		2022/23	2,202,000	3.27%	72,005	2,274,005
		<b>TOTAL</b>	<b>10,547,000</b>		<b>839,703</b>	<b>11,386,703</b>
<b>COMBINED DEBT SERVICE</b>						
	33,915,000					
		2019/20	2,692,000		750,374.40	3,442,374
		2020/21	2,780,000		662,346	3,442,346
		2021/22	2,873,000		571,440	3,444,440
		2022/23	2,202,000		477,493	2,679,493
		2023/24	2,855,000		405,488	3,260,488
		2024/25	2,950,000		312,700	3,262,700
		2025/26	3,045,000		216,825	3,261,825
		2026/27	3,150,000		110,250	3,260,250
<b>TOTAL FUND DEBT SERVICE</b>			<b>22,547,000</b>		<b>3,506,916</b>	<b>26,053,916</b>

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	4,107,321	5,101,108	4,541,600	5,414,200	5,414,200	5,414,200
Intergovernmental	100,000	0	0	0	0	0
Miscellaneous	69,086	129,644	144,000	188,800	188,800	188,800
<b>Total External Revenues</b>	<b>4,276,407</b>	<b>5,230,752</b>	<b>4,685,600</b>	<b>5,603,000</b>	<b>5,603,000</b>	<b>5,603,000</b>
Fund Transfers - Revenue	0	0	0	704	704	704
Interagency Revenue	424,814	407,028	431,800	414,900	414,900	414,900
<b>Total Internal Revenues</b>	<b>424,814</b>	<b>407,028</b>	<b>431,800</b>	<b>415,604</b>	<b>415,604</b>	<b>415,604</b>
Beginning Fund Balance	3,706,639	5,972,386	9,546,000	10,143,500	10,143,500	10,143,500
<b>Total Resources</b>	<b>8,407,860</b>	<b>11,610,166</b>	<b>14,663,400</b>	<b>16,162,104</b>	<b>16,162,104</b>	<b>16,162,104</b>
<b>Requirements</b>						
Personnel Services	400,784	483,401	609,764	605,598	605,598	605,598
External Materials and Services	897,585	110,551	4,955,893	4,256,893	4,256,893	4,256,893
Internal Materials and Services	1,018,017	1,344,652	1,073,551	1,127,174	1,127,174	1,127,174
<b>Total Bureau Expenditures</b>	<b>2,316,386</b>	<b>1,938,604</b>	<b>6,639,208</b>	<b>5,989,665</b>	<b>5,989,665</b>	<b>5,989,665</b>
Debt Service	1,402	1,537	1,672	1,774	1,774	1,774
Contingency	0	0	7,919,443	4,110,083	4,110,083	4,110,083
Fund Transfers - Expense	117,686	123,371	103,077	6,060,582	6,060,582	6,060,582
<b>Total Fund Expenditures</b>	<b>119,088</b>	<b>124,908</b>	<b>8,024,192</b>	<b>10,172,439</b>	<b>10,172,439</b>	<b>10,172,439</b>
Ending Fund Balance	5,972,386	9,546,653	0	0	0	0
<b>Total Requirements</b>	<b>8,407,860</b>	<b>11,610,165</b>	<b>14,663,400</b>	<b>16,162,104</b>	<b>16,162,104</b>	<b>16,162,104</b>

## Fund Overview

The Environmental Remediation Fund was established by City Council in FY 1993-94 to provide funding to remediate former solid waste disposal sites for which the City is liable.

### Portland Harbor Superfund

Beginning in FY 2005-06, funding for the Portland Harbor Superfund program moved to the Environmental Remediation Fund with resources provided by a dedicated Portland Harbor charge on utility bills and supplemented by revenues from the fund. Including the Portland Harbor Superfund program within the fund is consistent with the purposes of the fund and distinguishes the program from the routine sewer system operations that are budgeted for, and funded within, the Sewer System Operating Fund.

### Land Acquisition and Remediation of the Guilds Lake Property

The Guilds Lake property is a former landfill operated by the City from 1910 through the late 1940s. The acquisition and remediation of this site was financed by the Environmental Remediation 1993 Series A Revenue Bonds issued in November 1993. The Guilds Lake remediation was completed in FY 1994-95. Property management, maintenance, and environmental monitoring of the site are funded as required by the Department of Environmental Quality.

Lease income from current tenants on the City-owned Guilds Lake site supports the fund's operating and capital expenditures. This revenue source, along with the fund's interest earnings and cash transfers, are used for remediation projects and the Portland Harbor Superfund program.

### Managing Agency

Bureau of Environmental Services

**Significant Changes from Prior Year**

Charges for Services are expected to increase by \$872,600 in FY 2019-20, an increase of 19.2% over the FY 2018-19 Revised Budget of \$4.5 million. Rate revenues of \$4.8 million within Charges for Services will fund the majority of the Portland Harbor Superfund program, an \$800,000 increase from the FY 2018-19 Revised Budget of \$4.0 million to reflect the cash needs of the program. The fund also receives rental income of \$1.0 million from leases at the Guilds Lake facility, of which \$513,700 comes from private lessees and \$100,500 from BES' Revegetation and Construction Management groups both of which are received in Charges for Services, and \$414,900 from the Portland Police Bureau within the Interagency Revenues line. FY 2019-20 beginning fund balance is projected to be \$10.1 million (6.3% or 598,000 higher than the FY 2018-19 Revised Budget), of which \$1.1 million represents ODOT funds held for joint Portland natural resource remediation projects that may arise. Miscellaneous revenues are projected to be up due to projected higher earnings rates on balances.

Personnel services expenditures are budgeted 51% higher than the FY 2018-19 Revised Budget as a result of moving the Environmental Policy Manager from the Director's Office to the Environmental Remediation Fund in support of the Portland Harbor Superfund program. This phase of the Superfund program, after EPA released their Record of Decision, will include partnering with other government agencies and City bureaus, community outreach, and working with other potentially responsible parties.

External materials and services are budgeted at \$4.3 million, almost entirely for Portland Harbor Superfund work, which is \$700,000 (14.1%) lower than the FY 2018-19 Revised Budget.

Internal materials and services expenditures increased \$52,000 (4.8%) when compared with the FY 2018-19 Revised Budget.

Funds Transfers expense for General Fund Overhead was reduced 44.1% in FY 2019-20 over the FY 2018-19 Revised Budget.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	4,210	(21,521)	0	0	0	0
<b>Total External Revenues</b>	<b>4,210</b>	<b>(21,521)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	1,820,478	36,638	0	0	0	0
<b>Total Resources</b>	<b>1,824,688</b>	<b>15,117</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	1,788,050	0	0	0	0	0
Fund Transfers - Expense	0	15,117	0	0	0	0
<b>Total Fund Expenditures</b>	<b>1,788,050</b>	<b>15,117</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	36,638	0	0	0	0	0
<b>Total Requirements</b>	<b>1,824,688</b>	<b>15,117</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Fund Overview

The Hydroelectric Power Bond Redemption Fund was established to pay the debt service due on revenue bonds that were issued to finance construction of the Portland Hydroelectric Project (PHP). This fund was required by the prior PHP power sales agreement between the City and Portland General Electric.

**Managing Agency**      Portland Water Bureau

## Significant Changes from Prior Year

This fund is maintained in order to easily facilitate the future issuance of debt for the Hydroelectric Power Division. There are no planned bond sales in FY 2019-20.

# Hydroelectric Power Operating Fund

## Fund Summary

Public Utilities Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	886,808	2,331,688	2,261,677	2,384,097	2,384,097	2,384,097
<b>Total External Revenues</b>	<b>886,808</b>	<b>2,331,688</b>	<b>2,261,677</b>	<b>2,384,097</b>	<b>2,384,097</b>	<b>2,384,097</b>
Fund Transfers - Revenue	110,962	2,497,923	0	0	0	0
Interagency Revenue	72,927	110,800	175,932	75,000	75,000	75,000
<b>Total Internal Revenues</b>	<b>183,889</b>	<b>2,608,723</b>	<b>175,932</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>
Beginning Fund Balance	16,990	295,960	2,841,495	1,847,505	1,847,505	1,847,505
<b>Total Resources</b>	<b>1,087,687</b>	<b>5,236,371</b>	<b>5,279,104</b>	<b>4,306,602</b>	<b>4,306,602</b>	<b>4,306,602</b>
<b>Requirements</b>						
Personnel Services	347,540	306,848	355,780	367,694	367,694	367,694
External Materials and Services	284,722	1,790,686	2,328,679	2,088,592	2,088,592	2,088,592
Internal Materials and Services	110,027	240,042	205,479	211,391	211,391	211,391
<b>Total Bureau Expenditures</b>	<b>742,289</b>	<b>2,337,576</b>	<b>2,889,938</b>	<b>2,667,677</b>	<b>2,667,677</b>	<b>2,667,677</b>
Debt Service	23,931	26,240	28,543	30,276	30,276	30,276
Contingency	0	0	2,325,196	1,552,197	1,552,197	1,552,197
Fund Transfers - Expense	25,507	31,058	35,427	56,452	56,452	56,452
<b>Total Fund Expenditures</b>	<b>49,438</b>	<b>57,298</b>	<b>2,389,166</b>	<b>1,638,925</b>	<b>1,638,925</b>	<b>1,638,925</b>
Ending Fund Balance	295,960	2,841,495	0	0	0	0
<b>Total Requirements</b>	<b>1,087,687</b>	<b>5,236,369</b>	<b>5,279,104</b>	<b>4,306,602</b>	<b>4,306,602</b>	<b>4,306,602</b>

## Fund Overview

The Hydroelectric Power Operating Fund supports the administration, operation, and monitoring of the Portland Hydroelectric Project (PHP) through the Portland Water Bureau's Hydroelectric Power Division. All expenditures needed to meet the City's responsibilities for PHP are paid by this fund.

### Resources

The primary revenue source for this fund is power sales payments made to the City by Portland General Electric (PGE) for the purchase of electricity that is generated at PHP.

### Managing Agency

Portland Water Bureau

## Significant Changes from Prior Year

The FY 2019-20 Adopted Budget includes a decrease in resources of approximately \$1.0 million from the FY 2018-19 Revised Budget. The decrease is primarily in beginning fund balance, which was reduced by \$1.0 million as a result of higher than planned utilization of the Hydroelectric Reserve Account in FY 2018-19. Lower than planned power sales during the year brought about the need to utilize the reserve account.

The FY 2019-20 Adopted Budget includes a decrease to expenditures of approximately \$0.2 million primarily driven by one time external materials and services costs incurred during FY 2018-19. The decrease to the contingency balance is due to continued utilization of the Hydroelectric Reserve Account in FY 2019-20.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	436,213	125,745	0	0	0	0
<b>Total External Revenues</b>	<b>436,213</b>	<b>125,745</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	11,005,498	11,330,749	111,457	111,457	111,457	111,457
<b>Total Resources</b>	<b>11,441,711</b>	<b>11,456,494</b>	<b>111,457</b>	<b>111,457</b>	<b>111,457</b>	<b>111,457</b>
<b>Requirements</b>						
External Materials and Services	0	8,862,231	0	0	0	0
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>8,862,231</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Contingency	0	0	111,457	111,457	111,457	111,457
Fund Transfers - Expense	110,962	2,482,806	0	0	0	0
<b>Total Fund Expenditures</b>	<b>110,962</b>	<b>2,482,806</b>	<b>111,457</b>	<b>111,457</b>	<b>111,457</b>	<b>111,457</b>
Ending Fund Balance	11,330,749	111,457	0	0	0	0
<b>Total Requirements</b>	<b>11,441,711</b>	<b>11,456,494</b>	<b>111,457</b>	<b>111,457</b>	<b>111,457</b>	<b>111,457</b>

## Fund Overview

The Hydroelectric Power Renewal and Replacement Fund is a capital fund for the Portland Hydroelectric Project (PHP). The fund provides resources for the repair and replacement of major equipment and facilities that become damaged or are in need of repair.

**Managing Agency**      Portland Water Bureau

## Significant Changes from Prior Year

In FY 2017-18, \$2.4 million was transferred to the Hydroelectric Reserve Account, leaving \$111,457 in the Renewal and Replacement Fund. Funds will be transferred to the Renewal and Replacement Fund as power sales and operating expenses permit. There are no planned transfers to the Renewal and Replacement Fund in FY 2019-20.

# Sewer System Construction Fund

## Fund Summary

Public Utilities Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	881,169	745,754	850,000	550,000	550,000	550,000
Bond & Note	1,217,280	213,566,279	0	226,000,000	226,000,000	226,000,000
Miscellaneous	530,171	640,059	2,000,000	3,100,000	3,100,000	3,100,000
<b>Total External Revenues</b>	<b>2,628,620</b>	<b>214,952,092</b>	<b>2,850,000</b>	<b>229,650,000</b>	<b>229,650,000</b>	<b>229,650,000</b>
Fund Transfers - Revenue	45,809,583	45,000,000	49,568,911	30,000,000	30,000,000	30,000,000
<b>Total Internal Revenues</b>	<b>45,809,583</b>	<b>45,000,000</b>	<b>49,568,911</b>	<b>30,000,000</b>	<b>30,000,000</b>	<b>30,000,000</b>
Beginning Fund Balance	88,334,508	37,940,730	199,228,000	123,500,000	123,500,000	123,500,000
<b>Total Resources</b>	<b>136,772,711</b>	<b>297,892,822</b>	<b>251,646,911</b>	<b>383,150,000</b>	<b>383,150,000</b>	<b>383,150,000</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	1,212,648	564,108	0	2,000,000	2,000,000	2,000,000
Contingency	0	0	121,146,911	220,150,000	220,150,000	220,150,000
Fund Transfers - Expense	97,619,333	98,100,072	130,500,000	161,000,000	161,000,000	161,000,000
<b>Total Fund Expenditures</b>	<b>98,831,981</b>	<b>98,664,180</b>	<b>251,646,911</b>	<b>383,150,000</b>	<b>383,150,000</b>	<b>383,150,000</b>
Ending Fund Balance	37,940,730	199,228,642	0	0	0	0
<b>Total Requirements</b>	<b>136,772,711</b>	<b>297,892,822</b>	<b>251,646,911</b>	<b>383,150,000</b>	<b>383,150,000</b>	<b>383,150,000</b>

## Fund Overview

The Sewer System Construction Fund receives revenues to fund sewer system capital projects. Direct expenditures for capital projects are budgeted within the Sewer System Operating Fund and reimbursed by the Sewer System Construction Fund. The primary resources for the capital program are proceeds from the sale of sewer system revenue bonds, transfers from the Sewer System Operating Fund for cash financing of capital improvements, and line and branch charges from new sewer connections.

**Managing Agency** Bureau of Environmental Services

## Significant Changes from Prior Year

The beginning fund balance of \$123.5 million in FY 2019-20 (down from \$199.2 million in FY 2018-19 Revised) reflects remaining cash and bond proceeds from the May 2018 bond issue and is available to fund the bureau's capital investment program until the next sale anticipated for the spring of 2020.

Charges for services decreased from \$850,000 to \$550,000 for line and branch charges based on the projected cooling of the construction economy.

Revenue from fund transfers are budgeted to be \$30.0 million from the Sewer System Operating Fund, compared to the \$47.0 million in the FY 2018-19 Revised Budget (FY 2018-19 included a \$2.6 million transfer from the Local Improvement District Construction Fund from a special assessment bond sale).

Miscellaneous revenues of \$3.1 million in interest earnings are budgeted, compared to \$2.0 million in the FY 2018-19 Revised Budget, as a result of higher assumed interest earnings rates in FY 2019-20 and higher balances after the next bond sale.

Bond and Note Proceeds are estimated at \$226 million with the anticipated Spring bond sale.

Fund transfers - expenses of \$161.0 million reflect the reimbursement of the operating fund for CIP expenditures, an increase of \$30.5 million from FY 2018-19, a result of the bureau's payment for its share of the Portland Building Renovation project.

The contingency projection for FY 2019-20 is \$220.2 million, an 82% increase from the FY 2018-19 Revised Budget, reflects the balance of unspent bond proceeds from the Spring 2020 bond sale and remaining non-bond cash.

# Sewer System Debt Redemption Fund

## Fund Summary

Public Utilities Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Bond & Note	374,011,153	0	0	9,100,000	9,100,000	9,100,000
Miscellaneous	687,997	905,912	1,100,000	1,500,000	1,500,000	1,500,000
<b>Total External Revenues</b>	<b>374,699,150</b>	<b>905,912</b>	<b>1,100,000</b>	<b>10,600,000</b>	<b>10,600,000</b>	<b>10,600,000</b>
Fund Transfers - Revenue	168,138,783	169,551,334	181,625,000	179,250,000	179,250,000	179,250,000
<b>Total Internal Revenues</b>	<b>168,138,783</b>	<b>169,551,334</b>	<b>181,625,000</b>	<b>179,250,000</b>	<b>179,250,000</b>	<b>179,250,000</b>
Beginning Fund Balance	61,874,477	61,897,115	61,950,000	62,150,000	62,150,000	62,150,000
<b>Total Resources</b>	<b>604,712,410</b>	<b>232,354,361</b>	<b>244,675,000</b>	<b>252,000,000</b>	<b>252,000,000</b>	<b>252,000,000</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	542,815,295	170,401,870	182,624,675	180,746,591	180,746,591	180,746,591
Debt Service Reserves	0	0	62,050,325	71,253,409	71,253,409	71,253,409
<b>Total Fund Expenditures</b>	<b>542,815,295</b>	<b>170,401,870</b>	<b>244,675,000</b>	<b>252,000,000</b>	<b>252,000,000</b>	<b>252,000,000</b>
Ending Fund Balance	61,897,115	61,952,492	0	0	0	0
<b>Total Requirements</b>	<b>604,712,410</b>	<b>232,354,362</b>	<b>244,675,000</b>	<b>252,000,000</b>	<b>252,000,000</b>	<b>252,000,000</b>

## Fund Overview

The Sewer System Debt Redemption Fund pays the principal and interest on revenue bonds, notes, and state loans issued to finance sewer system improvements.

**Managing Agency** Bureau of Environmental Services

## Significant Changes from Prior Year

The fund is managed on a cash basis with cash transfers from the Sewer System Operating Fund set to maintain a \$10,000 unrestricted ending cash balance, plus any restricted cash balances that are required by bond and loan covenants. The bulk of the beginning fund balance is the result of cash reserves of \$58.9 million required by the sale of sewer system revenue bonds. These reserves are required to be maintained until the affiliated bonds are fully paid.

Fund transfer revenue is decreasing by about \$2.4 million or 1.3% in the FY 2019-20 Adopted Budget to reflect lower debt service payments and higher interest earnings projected within miscellaneous revenues, reducing the need for transfers from the Sewer System Operating Fund. Bond and note proceeds are budgeted at \$9.1 million anticipating another possible cash reserve requirement with the next bond issue in FY 2019-20.

Debt service expenditures for the FY 2019-20 Adopted Budget are \$180.7 million, a decrease of \$1.9 million or 1.0%, which assumes the next bond issue in the Spring of 2020 will not incur debt service payments until FY 2020-21.

The total amount of sewer system debt outstanding at the beginning of FY 2019-20 will be \$384.2 million for the first lien bonded debt, \$1.07 billion for subordinate lien bonded debt and loans, for total debt outstanding of \$1.45 billion.

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>First Lien Sewer System Revenue Bonds, 2014 Series A</b>						
8/14/2014 - Due 10/1	86,165,000					
		2019/20	8,320,000	5.00%	2,630,000	10,950,000
		2020/21	8,745,000	5.00%	2,203,375	10,948,375
		2021/22	9,190,000	5.00%	1,755,000	10,945,000
		2022/23	9,670,000	5.00%	1,283,500	10,953,500
		2023/24	10,155,000	5.00%	787,875	10,942,875
		2024/25	10,680,000	5.00%	267,000	10,947,000
		<b>TOTAL</b>	<b>56,760,000</b>		<b>8,926,750</b>	<b>65,686,750</b>
<b>First Lien Sewer System Revenue Refunding Bonds, 2015 Series A</b>						
8/27/2015 - Due 6/1	329,805,000					
		2019/20	55,075,000	5.00%	8,447,000	63,522,000
		2020/21	47,000,000	5.00%	5,693,250	52,693,250
		2021/22	0	0.00%	3,343,250	3,343,250
		2022/23	0	0.00%	3,343,250	3,343,250
		2023/24	8,185,000	5.00%	3,343,250	11,528,250
		2024/25	8,600,000	5.00%	2,934,000	11,534,000
		2025/26	9,030,000	5.00%	2,504,000	11,534,000
		2026/27	9,475,000	3.00%	2,052,500	11,527,500
		2027/28	9,765,000	5.00%	1,768,250	11,533,250
		2028/29	10,250,000	4.00%	1,280,000	11,530,000
		2029/30	10,665,000	4.00%	870,000	11,535,000
		2030/31	11,085,000	4.00%	443,400	11,528,400
		<b>TOTAL</b>	<b>179,130,000</b>		<b>36,022,150</b>	<b>215,152,150</b>
<b>First Lien Sewer System Revenue Refunding Bonds, 2016 Series A</b>						
9/7/2016 - Due 6/15	156,650,000					
		2019/20	7,820,000	5.00%	5,675,575	13,495,575
		2020/21	8,215,000	5.00%	5,284,575	13,499,575
		2021/22	8,620,000	5.00%	4,873,825	13,493,825
		2022/23	9,050,000	5.00%	4,442,825	13,492,825
		2023/24	9,500,000	5.00%	3,990,325	13,490,325
		2024/25	9,980,000	5.00%	3,515,325	13,495,325
		2025/26	10,480,000	5.00%	3,016,325	13,496,325
		2026/27	11,005,000	5.00%	2,492,325	13,497,325
		2027/28	11,550,000	2.00%	1,942,075	13,492,075
		2028/29	11,780,000	2.00%	1,711,075	13,491,075
		2029/30	12,020,000	3.00%	1,475,475	13,495,475
		2030/31	12,380,000	3.25%	1,114,875	13,494,875
		2031/32	12,780,000	3.00%	712,525	13,492,525
		2032/33	13,165,000	2.50%	329,125	13,494,125
		<b>TOTAL</b>	<b>148,345,000</b>		<b>40,576,250</b>	<b>188,921,250</b>

# Sewer System Debt Redemption Fund

## Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>TOTAL - First Lien Sewer Bonds</b>						
	572,620,000					
		2019/20	71,215,000		16,752,575	87,967,575
		2020/21	63,960,000		13,181,200	77,141,200
		2021/22	17,810,000		9,972,075	27,782,075
		2022/23	18,720,000		9,069,575	27,789,575
		2023/24	27,840,000		8,121,450	35,961,450
		2024/25	29,260,000		6,716,325	35,976,325
		2025/26	19,510,000		5,520,325	25,030,325
		2026/27	20,480,000		4,544,825	25,024,825
		2027/28	21,315,000		3,710,325	25,025,325
		2028/29	22,030,000		2,991,075	25,021,075
		2029/30	22,685,000		2,345,475	25,030,475
		2030/31	23,465,000		1,558,275	25,023,275
		2031/32	12,780,000		712,525	13,492,525
		2032/33	13,165,000		329,125	13,494,125
<b>TOTAL FIRST LIEN SEWER REVENUE BONDS</b>			<b>384,235,000</b>		<b>85,525,150</b>	<b>469,760,150</b>
<b>Second Lien Sewer System Revenue Bonds, 2010 Series A</b>						
<b>8/19/2010 - Due 3/1</b>	407,850,000					
		2019/20	13,330,000	5.00%	14,538,075	27,868,075
		2020/21	13,990,000	4.00%	13,871,575	27,861,575
		2021/22	14,550,000	4.00%	13,311,975	27,861,975
		2022/23	15,140,000	4.00%	12,729,975	27,869,975
		2023/24	15,740,000	4.25%	12,124,375	27,864,375
		2024/25	16,410,000	4.25%	11,455,425	27,865,425
		2025/26	17,110,000	5.00%	10,758,000	27,868,000
		2026/27	17,960,000	5.00%	9,902,500	27,862,500
		2027/28	18,860,000	5.00%	9,004,500	27,864,500
		2028/29	19,800,000	5.00%	8,061,500	27,861,500
		2029/30	20,790,000	5.00%	7,071,500	27,861,500
		2030/31	21,830,000	5.00%	6,032,000	27,862,000
		2031/32	22,930,000	5.00%	4,940,500	27,870,500
		2032/33	24,070,000	5.00%	3,794,000	27,864,000
		2033/34	25,270,000	5.00%	2,590,500	27,860,500
		2034/35	26,540,000	5.00%	1,327,000	27,867,000
		<b>TOTAL</b>	<b>304,320,000</b>		<b>141,513,400</b>	<b>445,833,400</b>
<b>Second Lien Sewer System Revenue &amp; Refunding Bonds, 2013 Series A</b>						
<b>9/17/2013 - Due 8/1</b>	210,965,000					
		2019/20	7,470,000	5.00%	8,582,400	16,052,400
		2020/21	7,860,000	5.00%	8,199,150	16,059,150

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2021/22	8,260,000	5.00%	7,796,150	16,056,150
		2022/23	8,685,000	5.00%	7,372,525	16,057,525
		2023/24	13,250,000	5.00%	6,824,150	20,074,150
		2024/25	6,190,000	5.00%	6,338,150	12,528,150
		2025/26	6,510,000	5.00%	6,020,650	12,530,650
		2026/27	6,840,000	5.00%	5,686,900	12,526,900
		2027/28	7,160,000	4.00%	5,372,700	12,532,700
		2028/29	7,450,000	4.00%	5,080,500	12,530,500
		2029/30	7,795,000	5.00%	4,736,625	12,531,625
		2030/31	8,195,000	5.00%	4,336,875	12,531,875
		2031/32	8,615,000	5.00%	3,916,625	12,531,625
		2032/33	9,055,000	5.00%	3,474,875	12,529,875
		2033/34	9,520,000	5.00%	3,010,500	12,530,500
		2034/35	10,010,000	5.00%	2,522,250	12,532,250
		2035/36	10,525,000	5.00%	2,008,875	12,533,875
		2036/37	11,060,000	5.00%	1,469,250	12,529,250
		2037/38	11,630,000	5.00%	902,000	12,532,000
		2038/39	12,225,000	5.00%	305,625	12,530,625
		<b>TOTAL</b>	<b>178,305,000</b>		<b>93,956,775</b>	<b>272,261,775</b>

**Second Lien Sewer System Revenue Bonds, 2014 Series B****8/14/2014 - Due 10/1**

204,220,000

2019/20	5,450,000	5.00%	7,621,300	13,071,300
2020/21	5,730,000	5.00%	7,341,800	13,071,800
2021/22	6,025,000	5.00%	7,047,925	13,072,925
2022/23	6,330,000	5.00%	6,739,050	13,069,050
2023/24	6,655,000	5.00%	6,414,425	13,069,425
2024/25	7,000,000	5.00%	6,073,050	13,073,050
2025/26	7,355,000	5.00%	5,714,175	13,069,175
2026/27	7,735,000	5.00%	5,336,925	13,071,925
2027/28	8,050,000	3.00%	5,022,800	13,072,800
2028/29	8,295,000	3.00%	4,777,625	13,072,625
2029/30	8,590,000	4.00%	4,481,400	13,071,400
2030/31	8,940,000	4.00%	4,130,800	13,070,800
2031/32	9,305,000	4.00%	3,765,900	13,070,900
2032/33	9,685,000	4.00%	3,386,100	13,071,100
2033/34	10,080,000	4.00%	2,990,800	13,070,800
2034/35	10,490,000	4.00%	2,579,400	13,069,400
2035/36	10,920,000	4.00%	2,151,200	13,071,200
2036/37	11,365,000	4.00%	1,705,500	13,070,500
2037/38	11,830,000	4.00%	1,241,600	13,071,600
2038/39	12,310,000	4.00%	758,800	13,068,800

# Sewer System Debt Redemption Fund

## Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2039/40	12,815,000	4.00%	256,300	13,071,300
		<b>TOTAL</b>	<b>184,955,000</b>		<b>89,536,875</b>	<b>274,491,875</b>
<b>Second Lien Sewer System Revenue Refunding Bonds, 2015 Series B</b>						
8/27/2015 - Due 6/1	63,300,000					
		2019/20	3,770,000	5.00%	2,130,550	5,900,550
		2020/21	3,450,000	5.00%	1,942,050	5,392,050
		2021/22	1,000,000	5.00%	1,769,550	2,769,550
		2022/23	1,000,000	5.00%	1,719,550	2,719,550
		2023/24	4,230,000	5.00%	1,669,550	5,899,550
		2024/25	4,445,000	5.00%	1,458,050	5,903,050
		2025/26	4,665,000	5.00%	1,235,800	5,900,800
		2026/27	4,895,000	5.00%	1,002,550	5,897,550
		2027/28	5,145,000	5.00%	757,800	5,902,800
		2028/29	5,400,000	3.00%	500,550	5,900,550
		2029/30	5,560,000	3.00%	338,550	5,898,550
		2030/31	5,725,000	3.00%	171,750	5,896,750
		<b>TOTAL</b>	<b>49,285,000</b>		<b>14,696,300</b>	<b>63,981,300</b>
<b>Second Lien Sewer System Revenue Refunding Bonds, 2016 Series B</b>						
9/7/2016 - Due 6/15	162,465,000					
		2019/20	6,075,000	5.00%	7,407,831	13,482,831
		2020/21	6,730,000	5.00%	7,104,081	13,834,081
		2021/22	59,960,000	5.00%	6,767,581	66,727,581
		2022/23	62,980,000	5.00%	3,769,581	66,749,581
		2023/24	1,605,000	5.00%	620,581	2,225,581
		2024/25	1,690,000	4.00%	540,331	2,230,331
		2025/26	1,760,000	4.00%	472,731	2,232,731
		2026/27	1,825,000	4.00%	402,331	2,227,331
		2027/28	1,895,000	5.00%	329,331	2,224,331
		2028/29	1,990,000	2.00%	234,581	2,224,581
		2029/30	2,030,000	2.13%	194,781	2,224,781
		2030/31	2,080,000	2.25%	151,644	2,231,644
		2031/32	2,125,000	2.38%	104,844	2,229,844
		2032/33	2,175,000	2.50%	54,375	2,229,375
		<b>TOTAL</b>	<b>154,920,000</b>		<b>28,154,606</b>	<b>183,074,606</b>
<b>Second Lien Sewer Revenue Bonds, 2018 Series A</b>						
5/3/2018 - May 1	191,930,000					
		2019/20	6,180,000	5.00%	8,710,825	14,890,825
		2020/21	6,490,000	5.00%	8,401,825	14,891,825
		2021/22	6,815,000	5.00%	8,077,325	14,892,325
		2022/23	7,155,000	5.00%	7,736,575	14,891,575
		2023/24	7,515,000	5.00%	7,378,825	14,893,825

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2024/25	7,890,000	5.00%	7,003,075	14,893,075
		2025/26	8,285,000	5.00%	6,608,575	14,893,575
		2026/27	8,700,000	5.00%	6,194,325	14,894,325
		2027/28	9,135,000	5.00%	5,759,325	14,894,325
		2028/29	9,590,000	4.50%	5,302,575	14,892,575
		2029/30	10,020,000	4.50%	4,871,025	14,891,025
		2030/31	10,470,000	4.50%	4,420,125	14,890,125
		2031/32	10,945,000	4.50%	3,948,975	14,893,975
		2032/33	11,435,000	4.50%	3,456,450	14,891,450
		2033/34	11,950,000	4.50%	2,941,875	14,891,875
		2034/35	12,490,000	4.50%	2,404,125	14,894,125
		2035/36	13,050,000	4.50%	1,842,075	14,892,075
		2036/37	13,635,000	4.50%	1,254,825	14,889,825
		2037/38	14,250,000	4.50%	641,250	14,891,250
		<b>TOTAL</b>	<b>186,000,000</b>		<b>96,953,975</b>	<b>282,953,975</b>
<b>TOTAL - Second Lien Sewer Bonds</b>						
	1,048,800,000					
		2019/20	42,275,000		48,990,981	91,265,981
		2020/21	44,250,000		46,860,481	91,110,481
		2021/22	96,610,000		44,770,506	141,380,506
		2022/23	101,290,000		40,067,256	141,357,256
		2023/24	48,995,000		35,031,906	84,026,906
		2024/25	43,625,000		32,868,081	76,493,081
		2025/26	45,685,000		30,809,931	76,494,931
		2026/27	47,955,000		28,525,531	76,480,531
		2027/28	50,245,000		26,246,456	76,491,456
		2028/29	52,525,000		23,957,331	76,482,331
		2029/30	54,785,000		21,693,881	76,478,881
		2030/31	57,240,000		19,243,194	76,483,194
		2031/32	53,920,000		16,676,844	70,596,844
		2032/33	56,420,000		14,165,800	70,585,800
		2033/34	56,820,000		11,533,675	68,353,675
		2034/35	59,530,000		8,832,775	68,362,775
		2035/36	34,495,000		6,002,150	40,497,150
		2036/37	36,060,000		4,429,575	40,489,575
		2037/38	37,710,000		2,784,850	40,494,850
		2038/39	24,535,000		1,064,425	25,599,425
		2039/40	12,815,000		256,300	13,071,300
<b>TOTAL SECOND LIEN SEWER REVENUE BONDS</b>			<b>1,057,785,000</b>		<b>464,811,931</b>	<b>1,522,596,931</b>

Department of Environmental Quality - Clean Water Loan #R74163

# Sewer System Debt Redemption Fund

## Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Due - 8/1 &amp; 2/1</b>	2,326,248					
		2019/20	124,809	1.00%	8,693	133,502
		2020/21	126,060	1.00%	7,442	133,502
		2021/22	127,324	1.00%	6,178	133,502
		2022/23	128,601	1.00%	4,901	133,502
		2023/24	129,890	1.00%	3,612	133,502
		2024/25	131,192	1.00%	2,310	133,502
		2025/26	132,525	1.00%	995	133,520
		<b>TOTAL</b>	<b>900,401</b>		<b>34,131</b>	<b>934,532</b>
<b>Department of Environmental Quality - Clean Water Loan #R74164</b>						
<b>Due - 8/1 &amp; 2/1</b>	6,404,380					
		2019/20	356,435	1.00%	24,825	381,260
		2020/21	360,008	1.00%	21,252	381,260
		2021/22	363,617	1.00%	17,643	381,260
		2022/23	367,263	1.00%	13,997	381,260
		2023/24	370,945	1.00%	10,315	381,260
		2024/25	374,664	1.00%	6,596	381,260
		2025/26	378,411	1.00%	2,840	381,251
		<b>TOTAL</b>	<b>2,571,343</b>		<b>97,468</b>	<b>2,668,811</b>
<b>Department of Environmental Quality - Clean Water Loan #R74165</b>						
<b>Due - 12/1 &amp; 6/1</b>	4,158,000					
		2019/20	213,235	1.00%	14,851	228,086
		2020/21	215,373	1.00%	12,713	228,086
		2021/22	217,532	1.00%	10,554	228,086
		2022/23	219,712	1.00%	8,374	228,086
		2023/24	221,915	1.00%	6,171	228,086
		2024/25	224,139	1.00%	3,947	228,086
		2025/26	226,392	1.00%	1,699	228,091
		<b>TOTAL</b>	<b>1,538,298</b>		<b>58,309</b>	<b>1,596,607</b>
<b>Department of Environmental Quality - Clean Water Loan #R74167</b>						
<b>Due - 12/1 &amp; 6/1</b>	4,272,068					
		2019/20	224,819	1.00%	16,861	241,680
		2020/21	227,074	1.00%	14,606	241,680
		2021/22	229,350	1.00%	12,330	241,680
		2022/23	231,649	1.00%	10,031	241,680
		2023/24	233,971	1.00%	7,709	241,680
		2024/25	236,317	1.00%	5,363	241,680
		2025/26	238,686	1.00%	2,994	241,680
		2026/27	120,238	1.00%	601	120,839
		<b>TOTAL</b>	<b>1,742,104</b>		<b>70,495</b>	<b>1,812,599</b>
<b>Department of Environmental Quality - Clean Water Loan #R74168</b>						

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Due - 12/1 &amp; 6/1</b>	1,482,454					
		2019/20	77,954	1.00%	5,846	83,800
		2020/21	78,735	1.00%	5,065	83,800
		2021/22	79,524	1.00%	4,276	83,800
		2022/23	80,322	1.00%	3,478	83,800
		2023/24	81,127	1.00%	2,673	83,800
		2024/25	81,940	1.00%	1,860	83,800
		2025/26	82,762	1.00%	1,038	83,800
		2026/27	41,694	1.00%	208	41,902
		<b>TOTAL</b>	<b>604,058</b>		<b>24,444</b>	<b>628,502</b>
<b>Department of Environmental Quality - Clean Water Loan #R74169</b>						
<b>Due - 4/1 &amp; 10/1</b>	1,149,012					
		2019/20	60,770	1.00%	4,232	65,002
		2020/21	61,379	1.00%	3,623	65,002
		2021/22	61,994	1.00%	3,008	65,002
		2022/23	62,616	1.00%	2,386	65,002
		2023/24	63,244	1.00%	1,758	65,002
		2024/25	63,877	1.00%	1,125	65,002
		2025/26	64,519	1.00%	485	65,004
		<b>TOTAL</b>	<b>438,399</b>		<b>16,617</b>	<b>455,016</b>
<b>Department of Environmental Quality - Clean Water Loan #R74170</b>						
<b>Due - 4/1 &amp; 10/1</b>	5,534,000					
		2019/20	291,229	1.00%	21,841	313,070
		2020/21	294,149	1.00%	18,921	313,070
		2021/22	297,097	1.00%	15,973	313,070
		2022/23	300,076	1.00%	12,994	313,070
		2023/24	303,084	1.00%	9,986	313,070
		2024/25	306,123	1.00%	6,947	313,070
		2025/26	309,191	1.00%	3,879	313,070
		2026/27	155,762	1.00%	779	156,541
		<b>TOTAL</b>	<b>2,256,711</b>		<b>91,320</b>	<b>2,348,031</b>
<b>Department of Environmental Quality - Clean Water Loan #R74171</b>						
<b>Due - 8/1 &amp; 2/1</b>	1,057,365					
		2019/20	53,357	1.00%	6,635	59,992
		2020/21	53,892	1.00%	6,100	59,992
		2021/22	54,432	1.00%	5,560	59,992
		2022/23	54,977	1.00%	5,015	59,992
		2023/24	55,529	1.00%	4,463	59,992
		2024/25	56,086	1.00%	3,906	59,992
		2025/26	56,648	1.00%	3,344	59,992
		2026/27	57,216	1.00%	2,776	59,992

# Sewer System Debt Redemption Fund

## Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2027/28	57,790	1.00%	2,202	59,992
		2028/29	58,369	1.00%	1,623	59,992
		2029/30	58,953	1.00%	1,039	59,992
		2030/31	59,565	1.00%	447	60,012
		<b>TOTAL</b>	<b>676,814</b>		<b>43,110</b>	<b>719,924</b>

### Department of Environmental Quality - Clean Water Loan #R74172

Due - 2/1 & 8/1

100,000

		2019/20	5,244	2.72%	1,398	6,642
		2020/21	5,388	2.72%	1,254	6,642
		2021/22	5,535	2.72%	1,107	6,642
		2022/23	5,686	2.72%	956	6,642
		2023/24	5,842	2.72%	800	6,642
		2024/25	6,002	2.72%	640	6,642
		2025/26	6,166	2.72%	476	6,642
		2026/27	6,335	2.72%	307	6,642
		2027/28	6,507	2.72%	133	6,640
		<b>TOTAL</b>	<b>52,705</b>		<b>7,071</b>	<b>59,776</b>

### TOTAL - Third Lien Debt

26,483,527

		2019/20	1,407,852		105,182	1,513,034
		2020/21	1,422,058		90,976	1,513,034
		2021/22	1,436,405		76,629	1,513,034
		2022/23	1,450,902		62,132	1,513,034
		2023/24	1,465,547		47,487	1,513,034
		2024/25	1,480,340		32,694	1,513,034
		2025/26	1,495,300		17,750	1,513,050
		2026/27	381,245		4,671	385,916
		2027/28	64,297		2,335	66,632
		2028/29	58,369		1,623	59,992
		2029/30	58,953		1,039	59,992
		2030/31	59,565		447	60,012

### TOTAL THIRD LIEN DEBT

10,780,833

442,965

11,223,798

### COMBINED DEBT SERVICE

1,647,903,527

		2019/20	114,897,852		65,848,738.26	180,746,590
		2020/21	109,632,058		60,132,657.26	169,764,715
		2021/22	115,856,405		54,819,210.26	170,675,615
		2022/23	121,460,902		49,198,963.26	170,659,865
		2023/24	78,300,547		43,200,843.26	121,501,390
		2024/25	74,365,340		39,617,100.26	113,982,440
		2025/26	66,690,300		36,348,006.26	103,038,306

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2026/27	68,816,245		33,075,027.26	101,891,272
		2027/28	71,624,297		29,959,116.26	101,583,413
		2028/29	74,613,369		26,950,029.26	101,563,398
		2029/30	77,528,953		24,040,395.26	101,569,348
		2030/31	80,764,565		20,801,915.76	101,566,481
		2031/32	66,700,000		17,389,368.76	84,089,369
		2032/33	69,585,000		14,494,925.00	84,079,925
		2033/34	56,820,000		11,533,675.00	68,353,675
		2034/35	59,530,000		8,832,775.00	68,362,775
		2035/36	34,495,000		6,002,150.00	40,497,150
		2036/37	36,060,000		4,429,575.00	40,489,575
		2037/38	37,710,000		2,784,850.00	40,494,850
		2038/39	24,535,000		1,064,425.00	25,599,425
		2039/40	12,815,000		256,300.00	13,071,300
<b>TOTAL FUND DEBT SERVICE</b>			<b>1,452,800,833</b>		<b>550,780,046</b>	<b>2,003,580,879</b>

# Sewer System Operating Fund

## Fund Summary

Public Utilities Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Licenses & Permits	2,248,626	2,166,745	2,152,000	1,995,000	1,995,000	1,995,000
Charges for Services	365,102,907	385,382,262	387,937,008	396,308,600	396,308,600	396,308,600
Intergovernmental	209,077	329,165	195,000	180,000	180,000	180,000
Miscellaneous	1,724,432	12,342,471	4,469,000	4,738,000	4,738,000	4,738,000
<b>Total External Revenues</b>	<b>369,285,042</b>	<b>400,220,643</b>	<b>394,753,008</b>	<b>403,221,600</b>	<b>403,221,600</b>	<b>403,221,600</b>
Fund Transfers - Revenue	98,752,841	103,303,918	130,716,248	167,657,886	167,657,886	167,657,886
Interagency Revenue	1,388,251	1,782,502	3,032,376	2,055,571	2,055,571	2,055,571
<b>Total Internal Revenues</b>	<b>100,141,092</b>	<b>105,086,420</b>	<b>133,748,624</b>	<b>169,713,457</b>	<b>169,713,457</b>	<b>169,713,457</b>
Beginning Fund Balance	65,201,984	66,553,043	89,902,000	87,180,000	87,180,000	87,180,000
<b>Total Resources</b>	<b>534,628,118</b>	<b>571,860,106</b>	<b>618,403,632</b>	<b>660,115,057</b>	<b>660,115,057</b>	<b>660,115,057</b>
<b>Requirements</b>						
Personnel Services	63,868,793	68,124,462	74,501,307	84,870,241	84,870,241	84,870,241
External Materials and Services	54,970,231	55,727,227	81,020,005	76,913,798	76,913,798	76,913,798
Internal Materials and Services	37,950,977	39,635,979	45,361,196	49,611,770	49,611,770	49,611,770
Capital Outlay	56,018,594	59,658,418	93,188,650	131,982,170	131,982,170	131,982,170
<b>Total Bureau Expenditures</b>	<b>212,808,595</b>	<b>223,146,087</b>	<b>294,071,158</b>	<b>343,377,979</b>	<b>343,377,979</b>	<b>343,377,979</b>
Debt Service	3,195,000	3,489,370	3,782,788	4,001,940	4,001,940	4,001,940
Contingency	0	0	60,688,142	76,784,807	76,784,807	76,784,807
Fund Transfers - Expense	252,071,480	255,321,822	259,681,544	235,770,331	235,770,331	235,770,331
Debt Service Reserves	0	0	180,000	180,000	180,000	180,000
<b>Total Fund Expenditures</b>	<b>255,266,480</b>	<b>258,811,192</b>	<b>324,332,474</b>	<b>316,737,078</b>	<b>316,737,078</b>	<b>316,737,078</b>
Ending Fund Balance	66,553,043	89,902,831	0	0	0	0
<b>Total Requirements</b>	<b>534,628,118</b>	<b>571,860,110</b>	<b>618,403,632</b>	<b>660,115,057</b>	<b>660,115,057</b>	<b>660,115,057</b>

## Fund Overview

The purpose of the Sewer System Operating Fund is to account for revenues and expenses associated with the development, maintenance, and operation of the City's sanitary sewer and storm drainage system. Fund resources include sanitary and drainage charges, connection charges and permit fees, wholesale contract revenues from other governmental jurisdictions, reimbursements for services provided to other bureaus, and reimbursements from the Sewer System Construction Fund for capital improvement program (CIP) expenses.

**Managing Agency** Bureau of Environmental Services

## Significant Changes from Prior Year

**Resources** Charges for Services, which include sewer rate charges, connection charges, wholesale contract revenues, and other miscellaneous charges, are forecast to increase to \$396.3 million in FY 2019-20, an increase of 2.2% over the FY 2018-19 revised amount of \$387.9 million.

The Bureau's largest source of revenue, sewer rate revenues, are budgeted at \$360.0 million compared to FY 2018-19 revised budget of \$348.0 million. The FY 2019-20 projection is based, in part, upon the following assumptions: a typical single-family residential bill increase of 2.95%, an increase of 0.5% in the number of customer accounts, a 1.0% decrease in usage per single-family residential customer, a 0.75% decrease in multi-family volume and 1.0% decrease in commercial volume. System Development Charges are projected to be \$28.5 million in FY 2019-20, a 10% decrease from the FY 2018-19 revised budget of \$31.8 million, reflecting a projected cooling of the current construction-sector economy.

Miscellaneous Sources are budgeted at \$4.7 million, equal to a 6% increase from the FY 2018-19 revised budget of \$4.5 million, in part from a new revenue source, the sale of Renewable Compressed Natural Gas derived from treatment plant methane, budgeted to bring in \$1.5 million. Offsetting this new revenue source are decreases in Sale of Assets (-\$600,000) after the sale of a surplus property occurred in the prior year, and a reduction in PBOT Offsite Stormwater Management Fees for a particular project. License & Permits and Interagency revenues are budgeted to decrease 7.5% and 32.4%, respectively, from the revised budget amounts due to projected reduction in construction permits and reduced requests for service provided to other City bureaus. Beginning fund balance is projected to decrease \$2.7 million over the FY 2018-19 amount of \$89.9 million as the bureau draws cash down due to carryover requests in the current year.

## Requirements

Personnel services increased 13.9% (\$10.4 million) as compared to the FY 2018-19 Revised Budget, nearly 80% of which is due to non-discretionary increases in retirement and healthcare costs, and FY 2018-19 COLA impacts. The remaining increase of \$2.2 million is from the increase of 20 FTE, of which 17.55 FTE are for operating and 3.45 are for CIP, bringing the total FTE count in the Operating Fund to 611.8 (allocated 481.4 operating and 130.4 CIP).

The external materials and services budget decreased by \$4.1 million (5.1%), and is comprised of decreases of \$3.8 million (15.2%) within capital projects and \$0.4 million (0.6%) for operating expenses. Some of the significant changes in the Adopted Budget includes \$600,000 for the City's new Community Opportunities and Enhancement Program (a payment to the General Fund of 1% of capital construction costs), continued emphasis on condition assessment of force mains and treatment plant facilities (\$800,000), an additional \$318,000 for operation and maintenance of the RCNG production facility and refueling station, increased utility franchise fees (a 5% fee on rate revenues paid to the General Fund, \$300,000), and \$250,000 for a comprehensive rate study to evaluate bureau rates and fees. These and other increases were also offset by nearly \$6.4 million of base budget reductions within external materials and services, of which \$5.2 million is within CIP projects as costs are shifting towards Capital Outlay construction.

Internal materials and services, services paid to other bureaus, will increase by \$4.3 million or 9.4%, of which \$2.1 million (31%) is within the CIP and another \$2.1 million (5.5%) is within the operating program. The largest increase in the CIP is the \$1.4 million payment for the bureau's share of the Portland Building Renovation project for non-bond funded portions of the project. The whole project has been proceeding ahead of schedule, resulting in the bureau's payments budgeted in FY 2019-20 when previously scheduled to occur in FY 2020-21. Other increases within the CIP are for \$880,000 in Construction Services.

Within the operating program, significant increases occurred in Planning Services (\$347,000) to support Watershed planning initiatives, the Contract Management Services interagency with OMF-Procurement Services Division (\$650,000) for additional staff to handle the bureau's growing number of construction contracts, and additional revegetation services provided by Parks (\$368,000).

Capital outlay is at \$132.0 million in the FY 2019-20 Adopted Budget versus \$93.2 million in the FY 2018-19 Revised Budget, reflecting an increase of \$44.9 million in CIP capital outlay, and \$5.1 million decreases in operating equipment and vehicle purchases. The largest increase in CIP capital outlay is the \$35.6 million payment for the bureau's share of the Portland Building Renovation project being moved forward one fiscal year as the project proceeds ahead of schedule. The Bureau continues to refine its reinvestment strategy for the collection and treatment systems to enhance capacity, maintenance and reliability. The decrease in operating capital is primarily because of reduced life-cycle replacement of vehicles.

**Cash Transfers and  
General Fund  
Overhead**

Cash transfers to other funds are budgeted at \$235.8 million for FY 2019-20, compared to the FY 2018-19 Revised Budget of \$259.7 million. The transfer for the General Fund overhead allocation will decrease by \$0.7 million (11.2%), \$5.9 million versus \$6.6 million in the FY 2018-19 Revised Budget. Transfers to the Sewer System Debt Redemption Fund are budgeted at \$179.3 million, down \$2.4 million from the FY 2018-19 Revised Budget of \$181.6 million. Transfers to the Sewer System Construction Fund and cash contributions to the CIP, are budgeted to be \$30.0 million in FY 2019-20, compared to the FY 2018-19 Revised Budget of \$25.0 million. Transfers to the Sewer Rate Stabilization Fund are budgeted at \$20.0 million in FY 2019-20, down from \$30.0 million within the FY 2018-19 Revised Budget. Other transfers include \$650,000 to the Pension Bonds Debt Fund.

Contingency, which is equivalent to estimated ending fund balance, is budgeted at \$76.8 million, of which \$2.5 million is reserved for the Salary Adjustment Set-aside. The majority of this full contingency amount consists of estimated non-cash receivables not truly available for expenditures.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	801,733	1,477,826	2,400,000	4,400,000	4,400,000	4,400,000
<b>Total External Revenues</b>	<b>801,733</b>	<b>1,477,826</b>	<b>2,400,000</b>	<b>4,400,000</b>	<b>4,400,000</b>	<b>4,400,000</b>
Fund Transfers - Revenue	31,500,000	34,000,000	24,000,000	20,000,000	20,000,000	20,000,000
<b>Total Internal Revenues</b>	<b>31,500,000</b>	<b>34,000,000</b>	<b>24,000,000</b>	<b>20,000,000</b>	<b>20,000,000</b>	<b>20,000,000</b>
Beginning Fund Balance	75,666,584	107,968,317	138,150,000	176,725,000	176,725,000	176,725,000
<b>Total Resources</b>	<b>107,968,317</b>	<b>143,446,143</b>	<b>164,550,000</b>	<b>201,125,000</b>	<b>201,125,000</b>	<b>201,125,000</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Contingency	0	0	164,550,000	196,125,000	196,125,000	196,125,000
Fund Transfers - Expense	0	5,000,000	0	5,000,000	5,000,000	5,000,000
<b>Total Fund Expenditures</b>	<b>0</b>	<b>5,000,000</b>	<b>164,550,000</b>	<b>201,125,000</b>	<b>201,125,000</b>	<b>201,125,000</b>
Ending Fund Balance	107,968,317	138,446,143	0	0	0	0
<b>Total Requirements</b>	<b>107,968,317</b>	<b>143,446,143</b>	<b>164,550,000</b>	<b>201,125,000</b>	<b>201,125,000</b>	<b>201,125,000</b>

## Fund Overview

The Sewer System Rate Stabilization Fund was created in 1987 to enable the Bureau of Environmental Services to smooth the forecasted rate increases by managing fluctuations in sewer system revenues over several years. To calculate debt service coverage ratios, the bureau's master bond ordinance requires that transfers from the Sewer System Operating Fund to this fund are treated as operating expenditures; conversely, transfers to the Operating Fund from this fund are treated as operating revenues. Fund balances were built up from FY 2002-03 through FY 2007-08 and drawn down through FY 2012-13 to offset rate increases associated with financing construction of the Eastside Combined Sewer Overflow Tunnel. Since then, balances in the fund have grown to better align with financial best practices for comparably sized sewer/stormwater utilities.

**Managing Agency** Bureau of Environmental Services

## Significant Changes from Prior Year

Fund transfer revenues are budgeted at \$20.0 million from the Sewer System Operating Fund, a decrease from \$24.0 million budgeted in FY 2018-19. These funds will be available to reduce future rate increases.

Miscellaneous revenues, which are comprised of interest earnings, are budgeted at \$4.4 million due to increased cash balances, as shown in the FY 2019-20 Beginning Fund Balance of \$176.7 million and higher interest earnings rates on City funds.

Fund transfer expenses are budgeted at \$5.0 million to the Sewer System Operating Fund, the same as the FY 2018-19 Revised Budget. Budgeting for transfers both to and from the Sewer System Operating Fund allows the flexibility to respond to the uncertainties of either economic upturn or downturn in sewer system revenues and early call provisions on sewer system debt. Finally, contingency (a proxy for ending funding balance) is budgeted to be \$196.1 million and is forecast to be used to reduce future rate increases.

# Solid Waste Management Fund

## Fund Summary

Public Utilities Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Licenses & Permits	2,883,600	2,986,707	3,110,704	3,323,996	3,323,996	3,323,996
Charges for Services	3,055,968	3,202,378	4,372,595	4,121,057	4,121,057	4,121,057
Miscellaneous	64,204	71,669	108,624	116,453	116,453	116,453
<b>Total External Revenues</b>	<b>6,003,772</b>	<b>6,260,754</b>	<b>7,591,923</b>	<b>7,561,506</b>	<b>7,561,506</b>	<b>7,561,506</b>
Interagency Revenue	7,000	5,000	5,000	5,000	5,000	5,000
<b>Total Internal Revenues</b>	<b>7,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>
Beginning Fund Balance	3,443,914	4,196,524	4,994,931	4,063,534	4,063,534	4,063,534
<b>Total Resources</b>	<b>9,454,686</b>	<b>10,462,278</b>	<b>12,591,854</b>	<b>11,630,040</b>	<b>11,630,040</b>	<b>11,630,040</b>
<b>Requirements</b>						
Personnel Services	2,228,643	2,216,342	2,546,831	2,724,482	2,724,482	2,724,482
External Materials and Services	1,170,124	1,163,785	2,176,059	2,659,714	2,659,714	2,659,714
Internal Materials and Services	1,606,091	1,827,444	1,679,643	1,703,346	1,703,346	1,703,346
<b>Total Bureau Expenditures</b>	<b>5,004,858</b>	<b>5,207,572</b>	<b>6,402,533</b>	<b>7,087,542</b>	<b>7,087,542</b>	<b>7,087,542</b>
Debt Service	60,721	66,579	370,209	76,818	2,329,893	2,329,893
Contingency	0	0	112,593	226,595	226,595	226,595
Fund Transfers - Expense	192,583	193,194	1,202,422	1,180,283	1,180,283	1,180,283
<b>Total Fund Expenditures</b>	<b>253,304</b>	<b>259,773</b>	<b>1,685,224</b>	<b>1,483,696</b>	<b>3,736,771</b>	<b>3,736,771</b>
Ending Fund Balance	4,196,524	4,994,931	4,504,097	3,058,802	805,727	805,727
<b>Total Requirements</b>	<b>9,454,686</b>	<b>10,462,275</b>	<b>12,591,854</b>	<b>11,630,040</b>	<b>11,630,040</b>	<b>11,630,040</b>

## Fund Overview

The Solid Waste Management Fund accounts for expenses and revenues associated with the City's oversight of garbage, recycling and compost collection activities in Portland and the City's efforts to reduce the amount of waste and increase recycling and composting. The fund supports 1) Waste Collection, including the public trash can program; 2) the Sustainability and Climate program; and 3) the Sustainability Engagement team. The fund also supports the Bureau of Development Services Residential Nuisance Abatement program and the Office of Management and Finance Homeless Urban Camping Impact Reduction Program. Revenue sources for the Solid Waste Management Fund include residential franchise, commercial tonnage, and permit fees.

**Managing Agency** Bureau of Planning & Sustainability

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Bond & Note	90,104,866	0	6,505,000	10,230,000	10,230,000	10,230,000
Miscellaneous	369,966	453,137	564,322	768,104	768,104	768,104
<b>Total External Revenues</b>	<b>90,474,832</b>	<b>453,137</b>	<b>7,069,322</b>	<b>10,998,104</b>	<b>10,998,104</b>	<b>10,998,104</b>
Fund Transfers - Revenue	53,266,912	55,340,958	55,858,868	59,372,043	59,372,043	59,372,043
<b>Total Internal Revenues</b>	<b>53,266,912</b>	<b>55,340,958</b>	<b>55,858,868</b>	<b>59,372,043</b>	<b>59,372,043</b>	<b>59,372,043</b>
Beginning Fund Balance	36,874,429	31,468,626	31,496,421	31,351,200	31,351,200	31,351,200
<b>Total Resources</b>	<b>180,616,173</b>	<b>87,262,721</b>	<b>94,424,611</b>	<b>101,721,347</b>	<b>101,721,347</b>	<b>101,721,347</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	149,147,547	55,766,300	58,061,377	61,778,337	61,778,337	61,778,337
Debt Service Reserves	0	0	36,218,013	39,943,010	39,943,010	39,943,010
<b>Total Fund Expenditures</b>	<b>149,147,547</b>	<b>55,766,300</b>	<b>94,279,390</b>	<b>101,721,347</b>	<b>101,721,347</b>	<b>101,721,347</b>
Ending Fund Balance	31,468,626	31,496,421	145,221	0	0	0
<b>Total Requirements</b>	<b>180,616,173</b>	<b>87,262,721</b>	<b>94,424,611</b>	<b>101,721,347</b>	<b>101,721,347</b>	<b>101,721,347</b>

## Fund Overview

The Water Bond Sinking Fund pays for principal and interest on revenue bonds issued to finance water system improvements. The bond reserve accounts are maintained in the Water Bond Sinking Fund.

**Managing Agency**      Portland Water Bureau

## Significant Changes from Prior Year

The primary resource in the FY 2019-20 Adopted Budget is a transfer from the Water Fund of \$59.4 million to pay for debt service. A bond reserve account of \$10.2 million is planned with the bond sale scheduled for August 2019.

Debt Service will increase in FY 2019-20 as a result of the planned August 2019 bond sale. The planned bond sale for FY 2018-19 did not occur, reducing planned reserves by \$6.5 million. Debt service reserves are also offset by the \$10.2 million reserve requirement for the August 2019 bond sale, resulting in a net increase of \$3.7 million.

# Water Bond Sinking Fund

## Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>First Lien Water System Revenue and Refunding Bonds, 2010 Series A</b>						
<b>02/11/10 - Due 5/1</b>	73,440,000					
		2019/20	2,550,000	4.00%	2,273,125	4,823,125
		2020/21	2,655,000	4.00%	2,171,125	4,826,125
		2021/22	2,760,000	4.00%	2,064,925	4,824,925
		2022/23	2,870,000	4.00%	1,954,525	4,824,525
		2023/24	2,985,000	4.00%	1,839,725	4,824,725
		2024/25	3,105,000	4.00%	1,720,325	4,825,325
		2025/26	3,230,000	4.00%	1,596,125	4,826,125
		2026/27	3,355,000	4.00%	1,466,925	4,821,925
		2027/28	3,490,000	4.00%	1,332,725	4,822,725
		2028/29	3,630,000	4.00%	1,193,125	4,823,125
		2029/30	3,775,000	4.00%	1,047,925	4,822,925
		2030/31	3,925,000	4.00%	896,925	4,821,925
		2031/32	4,085,000	4.25%	739,925	4,824,925
		2032/33	4,260,000	4.25%	566,313	4,826,313
		2033/34	4,440,000	4.25%	385,263	4,825,263
		2034/35	4,625,000	4.25%	196,563	4,821,563
		<b>TOTAL</b>	<b>55,740,000</b>		<b>21,445,563</b>	<b>77,185,563</b>
<b>First Lien Water System Revenue Bonds, 2011 Series A</b>						
<b>03/22/11 - Due 5/1</b>	82,835,000					
		2019/20	2,710,000	5.00%	2,947,388	5,657,388
		2020/21	2,845,000	4.00%	2,811,888	5,656,888
		2021/22	2,960,000	4.00%	2,698,088	5,658,088
		2022/23	3,075,000	4.00%	2,579,688	5,654,688
		2023/24	3,200,000	4.00%	2,456,688	5,656,688
		2024/25	3,330,000	4.00%	2,328,688	5,658,688
		2025/26	3,460,000	4.00%	2,195,488	5,655,488
		2026/27	3,600,000	4.00%	2,057,088	5,657,088
		2027/28	3,745,000	4.00%	1,913,088	5,658,088
		2028/29	3,895,000	4.25%	1,763,288	5,658,288
		2029/30	4,060,000	4.50%	1,597,750	5,657,750
		2030/31	4,240,000	4.50%	1,415,050	5,655,050
		2031/32	4,430,000	5.00%	1,224,250	5,654,250
		2032/33	4,655,000	5.00%	1,002,750	5,657,750
		2033/34	4,885,000	5.00%	770,000	5,655,000
		2034/35	5,130,000	5.00%	525,750	5,655,750
		2035/36	5,385,000	5.00%	269,250	5,654,250
		<b>TOTAL</b>	<b>65,605,000</b>		<b>30,556,175</b>	<b>96,161,175</b>
<b>First Lien Water System Revenue Bonds, 2012 Series A</b>						
<b>08/02/2012 - Due 4/1</b>	76,510,000					

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2019/20	2,510,000	5.00%	1,972,488	4,482,488
		2020/21	2,635,000	5.00%	1,846,988	4,481,988
		2021/22	2,765,000	3.00%	1,715,238	4,480,238
		2022/23	2,850,000	3.00%	1,632,288	4,482,288
		2023/24	2,935,000	3.00%	1,546,788	4,481,788
		2024/25	3,020,000	3.00%	1,458,738	4,478,738
		2025/26	3,110,000	3.00%	1,368,138	4,478,138
		2026/27	3,205,000	3.00%	1,274,838	4,479,838
		2027/28	3,300,000	3.00%	1,178,688	4,478,688
		2028/29	3,400,000	3.00%	1,079,688	4,479,688
		2029/30	3,505,000	3.00%	977,688	4,482,688
		2030/31	3,610,000	3.00%	872,538	4,482,538
		2031/32	3,715,000	3.00%	764,238	4,479,238
		2032/33	3,825,000	3.00%	652,788	4,477,788
		2033/34	3,940,000	3.25%	538,038	4,478,038
		2034/35	4,070,000	3.25%	409,988	4,479,988
		2035/36	4,205,000	3.25%	277,713	4,482,713
		2036/37	4,340,000	3.25%	141,050	4,481,050
		<b>TOTAL</b>	<b>60,940,000</b>		<b>19,707,913</b>	<b>80,647,913</b>

**First Lien Water System Revenue Bonds, 2014 Series A****12/16/2014 - Due 5/1**

84,975,000

2019/20	2,385,000	5.00%	2,966,525	5,351,525
2020/21	2,505,000	5.00%	2,847,275	5,352,275
2021/22	2,630,000	5.00%	2,722,025	5,352,025
2022/23	2,760,000	5.00%	2,590,525	5,350,525
2023/24	2,900,000	5.00%	2,452,525	5,352,525
2024/25	3,045,000	3.00%	2,307,525	5,352,525
2025/26	3,135,000	3.00%	2,216,175	5,351,175
2026/27	3,230,000	5.00%	2,122,125	5,352,125
2027/28	3,390,000	4.00%	1,960,625	5,350,625
2028/29	3,530,000	3.00%	1,825,025	5,355,025
2029/30	3,635,000	4.00%	1,719,125	5,354,125
2030/31	3,780,000	4.00%	1,573,725	5,353,725
2031/32	3,930,000	4.00%	1,422,525	5,352,525
2032/33	4,085,000	4.00%	1,265,325	5,350,325
2033/34	4,250,000	4.00%	1,101,925	5,351,925
2034/35	4,420,000	4.00%	931,925	5,351,925
2035/36	4,600,000	4.00%	755,125	5,355,125
2036/37	4,780,000	4.00%	571,125	5,351,125
2037/38	4,975,000	3.50%	379,925	5,354,925
2038/39	5,145,000	4.00%	205,800	5,350,800

# Water Bond Sinking Fund

## Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		<b>TOTAL</b>	<b>73,110,000</b>		<b>33,936,875</b>	<b>187,694,788</b>
<b>First Lien Water System Revenue and Refunding Bonds, 2016 Series A</b>						
<b>12/15/2016 - Due 4/1</b>	168,525,000					
		2019/20	11,435,000	5.00%	6,356,250	17,791,250
		2020/21	12,015,000	5.00%	5,784,500	17,799,500
		2021/22	5,135,000	5.00%	5,183,750	10,318,750
		2022/23	5,390,000	5.00%	4,927,000	10,317,000
		2023/24	5,665,000	5.00%	4,657,500	10,322,500
		2024/25	5,945,000	5.00%	4,374,250	10,319,250
		2025/26	6,240,000	5.00%	4,077,000	10,317,000
		2026/27	6,555,000	4.00%	3,765,000	10,320,000
		2027/28	6,820,000	4.00%	3,502,800	10,322,800
		2028/29	7,090,000	4.00%	3,230,000	10,320,000
		2029/30	7,375,000	4.00%	2,946,400	10,321,400
		2030/31	7,665,000	4.00%	2,651,400	10,316,400
		2031/32	7,975,000	4.00%	2,344,800	10,319,800
		2032/33	8,290,000	4.00%	2,025,800	10,315,800
		2033/34	8,625,000	4.00%	1,694,200	10,319,200
		2034/35	4,270,000	4.00%	1,349,200	5,619,200
		2035/36	4,440,000	4.00%	1,178,400	5,618,400
		2036/37	4,620,000	4.00%	1,000,800	5,620,800
		2037/38	4,805,000	4.00%	816,000	5,621,000
		2038/39	4,995,000	4.00%	623,800	5,618,800
		2039/40	5,195,000	4.00%	424,000	5,619,000
		2040/41	5,405,000	4.00%	216,200	5,621,200
		<b>TOTAL</b>	<b>145,950,000</b>		<b>63,129,050</b>	<b>209,079,050</b>
<b>First Lien Water System Revenue Bonds, 2019 Series A - proposed</b>						
<b>Date - TBD</b>	144,185,000					
		2019/20	0	5.00%	6,007,710	6,007,710
		<b>TOTAL</b>	<b>0</b>		<b>6,007,710</b>	<b>6,007,710</b>
<b>TOTAL - First Lien Water System Revenue Bonds</b>						
	630,470,000					
		2019/20	21,590,000		22,523,485	44,113,485
		2020/21	22,655,000		15,461,775	38,116,775
		2021/22	16,250,000		14,384,025	30,634,025
		2022/23	16,945,000		13,684,025	30,629,025
		2023/24	17,685,000		12,953,225	30,638,225
		2024/25	18,445,000		12,189,525	30,634,525
		2025/26	19,175,000		11,452,925	30,627,925
		2026/27	19,945,000		10,685,975	30,630,975
		2027/28	20,745,000		9,887,925	30,632,925

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2028/29	21,545,000		9,091,125	30,636,125
		2029/30	22,350,000		8,288,888	30,638,888
		2030/31	23,220,000		7,409,638	30,629,638
		2031/32	24,135,000		6,495,738	30,630,738
		2032/33	25,115,000		5,512,975	30,627,975
		2033/34	26,140,000		4,489,425	30,629,425
		2034/35	22,515,000		3,413,425	25,928,425
		2035/36	18,630,000		2,480,488	21,110,488
		2036/37	13,740,000		1,712,975	15,452,975
		2037/38	9,780,000		1,195,925	10,975,925
		2038/39	10,140,000		829,600	10,969,600
		3039/40	5,195,000		424,000	5,619,000
		2040/41	5,405,000		216,200	5,621,200
<b>TOTAL FIRST LIEN WATER REVENUE BONDS</b>			<b>401,345,000</b>		<b>174,783,285</b>	<b>576,128,285</b>
<b>Second Lien Water System Revenue Bonds, 2013 Series A</b>						
<b>05/02/2013 - Due 10/1</b>	253,635,000					
		2019/20	9,410,000	4.36%	8,254,850	17,664,850
		2020/21	9,840,000	4.70%	7,818,600	17,658,600
		2021/22	11,450,000	4.74%	7,316,350	18,766,350
		2022/23	12,030,000	5.00%	6,744,350	18,774,350
		2023/24	12,635,000	4.76%	6,142,725	18,777,725
		2024/25	8,945,000	5.00%	5,618,225	14,563,225
		2025/26	9,405,000	5.00%	5,159,475	14,564,475
		2026/27	9,885,000	5.00%	4,677,225	14,562,225
		2027/28	10,395,000	5.00%	4,170,225	14,565,225
		2028/29	10,815,000	3.00%	3,748,125	14,563,125
		2029/30	11,200,000	4.00%	3,361,900	14,561,900
		2030/31	11,650,000	4.00%	2,904,900	14,554,900
		2031/32	12,145,000	4.17%	2,419,000	14,564,000
		2032/33	7,925,000	4.25%	1,997,600	9,922,600
		2033/34	8,275,000	4.37%	1,648,250	9,923,250
		2034/35	8,630,000	4.00%	1,294,800	9,924,800
		2035/36	8,980,000	4.00%	942,600	9,922,600
		2036/37	9,345,000	4.00%	576,100	9,921,100
		2037/38	9,730,000	4.00%	194,600	9,924,600
<b>TOTAL SECOND LIEN WATER REVENUE BONDS</b>			<b>192,690,000</b>		<b>74,989,900</b>	<b>267,679,900</b>
<b>COMBINED DEBT SERVICE</b>						
	884,105,000					
		2019/20	31,000,000		30,778,336	61,778,336

# Water Bond Sinking Fund

## Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2020/21	32,495,000		23,280,375	55,775,375
		2021/22	27,700,000		21,700,375	49,400,375
		2022/23	28,975,000		20,428,375	49,403,375
		2023/24	30,320,000		19,095,950	49,415,950
		2024/25	27,390,000		17,807,750	45,197,750
		2025/26	28,580,000		16,612,400	45,192,400
		2026/27	29,830,000		15,363,200	45,193,200
		2027/28	31,140,000		14,058,150	45,198,150
		2028/29	32,360,000		12,839,250	45,199,250
		2029/30	33,550,000		11,650,788	45,200,788
		2030/31	34,870,000		10,314,538	45,184,538
		2031/32	36,280,000		8,914,738	45,194,738
		2032/33	33,040,000		7,510,575	40,550,575
		2033/34	34,415,000		6,137,675	40,552,675
		2034/35	31,145,000		4,708,225	35,853,225
		2035/36	27,610,000		3,423,088	31,033,088
		2036/37	23,085,000		2,289,075	25,374,075
		2037/38	19,510,000		1,390,525	20,900,525
		2038/39	10,140,000		829,600	10,969,600
		2039/40	5,195,000		424,000	5,619,000
		2040/41	5,405,000		216,200	5,621,200
<b>TOTAL FUND DEBT SERVICE</b>			<b>594,035,000</b>		<b>249,773,186</b>	<b>843,808,186</b>

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	5,540,949	6,792,997	4,000,000	3,500,000	3,500,000	3,500,000
Bond & Note	93,284,958	0	85,175,000	133,955,000	133,955,000	133,955,000
Miscellaneous	1,186,422	1,695,666	942,575	1,793,871	1,793,871	1,793,871
<b>Total External Revenues</b>	<b>100,012,329</b>	<b>8,488,662</b>	<b>90,117,575</b>	<b>139,248,871</b>	<b>139,248,871</b>	<b>139,248,871</b>
Fund Transfers - Revenue	31,507,992	43,463,200	40,139,589	41,946,372	41,946,372	41,946,372
<b>Total Internal Revenues</b>	<b>31,507,992</b>	<b>43,463,200</b>	<b>40,139,589</b>	<b>41,946,372</b>	<b>41,946,372</b>	<b>41,946,372</b>
Beginning Fund Balance	65,349,065	121,817,230	93,943,491	34,526,809	34,526,809	34,526,809
<b>Total Resources</b>	<b>196,869,386</b>	<b>173,769,092</b>	<b>224,200,655</b>	<b>215,722,052</b>	<b>215,722,052</b>	<b>215,722,052</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Fund Transfers - Expense	75,052,156	79,825,601	131,362,526	194,529,355	194,529,355	194,529,355
<b>Total Fund Expenditures</b>	<b>75,052,156</b>	<b>79,825,601</b>	<b>131,362,526</b>	<b>194,529,355</b>	<b>194,529,355</b>	<b>194,529,355</b>
Ending Fund Balance	121,817,230	93,943,491	92,838,129	21,192,697	21,192,697	21,192,697
<b>Total Requirements</b>	<b>196,869,386</b>	<b>173,769,092</b>	<b>224,200,655</b>	<b>215,722,052</b>	<b>215,722,052</b>	<b>215,722,052</b>

## Fund Overview

The Water Construction Fund is the capital fund of the Portland Water Bureau. This fund pays for equipment and capital expenditures for the water system, including ongoing capital repair and replacement, enhancements, and large and nonrecurring additions to the system.

**Managing Agency** Portland Water Bureau

## Significant Changes from Prior Year

By City Charter stipulation, this fund is the recipient of proceeds from bond sales and system development charges. Water sales revenues are also transferred to this fund to finance a portion of capital expenditures for routine system repairs and replacements. Revenue bond sales are planned for August 2019 and will provide funding of \$134.0 million to fund capital projects. The Water Fund will transfer \$41.9 million to the Water Construction Fund to fund capital projects, an increase of \$1.8 million from the FY 2018-19 Revised Budget.

This fund reimburses the Water Bureau's operating fund, the Water Fund, for capital expenditures incurred in that fund, including direct capital costs, capitalized overhead, capitalized interest, and the cost of issuing bonds. In FY 2019-20, the Water Construction Fund will transfer \$194.5 million to reimburse the Water Fund for direct and indirect capital costs, an increase of \$63.2 million from the FY 2018-19 Revised Budget.

# Water Fund

## Fund Summary

Public Utilities Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	169,393,921	186,431,226	189,905,167	203,577,493	203,577,493	203,577,493
Intergovernmental	551,743	524,579	526,000	526,000	526,000	526,000
Miscellaneous	2,494,569	2,864,533	2,152,193	3,021,074	3,021,074	3,021,074
<b>Total External Revenues</b>	<b>172,440,233</b>	<b>189,820,338</b>	<b>192,583,360</b>	<b>207,124,567</b>	<b>207,124,567</b>	<b>207,124,567</b>
Fund Transfers - Revenue	75,956,178	83,900,848	133,177,726	201,021,880	201,021,880	201,021,880
Interagency Revenue	2,934,952	3,990,320	3,484,697	3,765,560	3,765,560	3,765,560
<b>Total Internal Revenues</b>	<b>78,891,130</b>	<b>87,891,169</b>	<b>136,662,423</b>	<b>204,787,440</b>	<b>204,787,440</b>	<b>204,787,440</b>
Beginning Fund Balance	81,956,259	93,376,754	104,029,342	97,597,314	97,597,314	97,597,314
<b>Total Resources</b>	<b>333,287,622</b>	<b>371,088,261</b>	<b>433,275,125</b>	<b>509,509,321</b>	<b>509,509,321</b>	<b>509,509,321</b>
<b>Requirements</b>						
Personnel Services	62,338,078	64,049,935	76,128,296	82,380,478	82,380,478	82,380,478
External Materials and Services	29,166,218	36,238,540	39,580,910	42,744,392	40,444,392	40,444,392
Internal Materials and Services	20,105,702	21,341,369	22,591,827	22,042,209	22,042,209	22,042,209
Capital Outlay	33,545,590	37,182,300	55,035,735	143,393,803	145,693,803	145,693,803
<b>Total Bureau Expenditures</b>	<b>145,155,588</b>	<b>158,812,145</b>	<b>193,336,768</b>	<b>290,560,882</b>	<b>290,560,882</b>	<b>290,560,882</b>
Debt Service	3,796,319	3,555,767	4,467,780	5,017,731	5,017,731	5,017,731
Contingency	0	0	136,992,656	107,192,795	107,192,795	107,192,795
Fund Transfers - Expense	90,958,961	104,691,007	98,477,921	106,737,913	106,737,913	106,737,913
<b>Total Fund Expenditures</b>	<b>94,755,280</b>	<b>108,246,774</b>	<b>239,938,357</b>	<b>218,948,439</b>	<b>218,948,439</b>	<b>218,948,439</b>
Ending Fund Balance	93,376,754	104,029,342	0	0	0	0
<b>Total Requirements</b>	<b>333,287,622</b>	<b>371,088,261</b>	<b>433,275,125</b>	<b>509,509,321</b>	<b>509,509,321</b>	<b>509,509,321</b>

## Fund Overview

The Water Fund is the operating fund of the Portland Water Bureau. With the exception of debt service, all expenditures in this fund are for operation, maintenance, and capital assets. Receipts from the sale of water are the primary revenue source for the Water Fund.

**Managing Agency** Portland Water Bureau

## Significant Changes from Prior Year

The FY 2019-20 Adopted Budget includes an increase in Water Fund resources of approximately \$76.2 million from the FY 2018-19 Revised Budget. The changes in Charges for Services include increases in water sales revenue due to increases in water rates, and other water fees and charges of \$13.7 million. Cash transfers increased by \$67.8 million from the prior year, primarily due to increased reimbursement from the Water Construction Fund for capital expenditures planned in FY 2019-20. Miscellaneous sources increased by \$0.9 million from the prior year due to higher interest earnings. The beginning fund balance decreased by \$6.4 million driven by FY 2018-19 year end fund balance projections.

Total bureau requirements are higher in the FY 2019-20 Adopted Budget than FY 2018-19 Revised Budget primarily due to increased capital expenditures and cash transfers. Capital expenditures increased \$91.6 million from the FY 2018-19 Revised Budget. Fund transfers increased by \$8.3 million, which includes \$5.5 million more transferred to the Construction Fund primarily for cash financed capital and \$3.5 million more transferred to the Sinking Fund. This increase is offset by \$0.7 million less for General Fund overhead.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	90,992	90,454	94,830	94,115	94,115	94,115
Miscellaneous	592	859	1,080	0	0	0
<b>Total External Revenues</b>	<b>91,584</b>	<b>91,313</b>	<b>95,910</b>	<b>94,115</b>	<b>94,115</b>	<b>94,115</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	2,531	4,115	0	0	0	0
<b>Total Resources</b>	<b>94,115</b>	<b>95,428</b>	<b>95,910</b>	<b>94,115</b>	<b>94,115</b>	<b>94,115</b>
<b>Requirements</b>						
External Materials and Services	90,000	94,000	95,910	94,115	94,115	94,115
<b>Total Bureau Expenditures</b>	<b>90,000</b>	<b>94,000</b>	<b>95,910</b>	<b>94,115</b>	<b>94,115</b>	<b>94,115</b>
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	4,115	1,428	0	0	0	0
<b>Total Requirements</b>	<b>94,115</b>	<b>95,428</b>	<b>95,910</b>	<b>94,115</b>	<b>94,115</b>	<b>94,115</b>

## Fund Overview

The 42nd Avenue Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

### Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

## 82nd Ave/Division NPI Debt Service Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	86,386	118,197	94,667	94,115	94,115	94,115
Miscellaneous	568	1,149	1,110	0	0	0
<b>Total External Revenues</b>	<b>86,954</b>	<b>119,346</b>	<b>95,777</b>	<b>94,115</b>	<b>94,115</b>	<b>94,115</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	2,181	6,735	0	0	0	0
<b>Total Resources</b>	<b>89,135</b>	<b>126,081</b>	<b>95,777</b>	<b>94,115</b>	<b>94,115</b>	<b>94,115</b>
<b>Requirements</b>						
External Materials and Services	82,400	124,500	95,777	94,115	94,115	94,115
<b>Total Bureau Expenditures</b>	<b>82,400</b>	<b>124,500</b>	<b>95,777</b>	<b>94,115</b>	<b>94,115</b>	<b>94,115</b>
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	6,735	1,581	0	0	0	0
<b>Total Requirements</b>	<b>89,135</b>	<b>126,081</b>	<b>95,777</b>	<b>94,115</b>	<b>94,115</b>	<b>94,115</b>

## Fund Overview

The 82nd Ave & Division Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

**Managing Agency** Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
<b>Total External Revenues</b>	0	0	0	0	0	0
Fund Transfers - Revenue	0	0	750,000	0	2,464,639	2,464,639
<b>Total Internal Revenues</b>	0	0	750,000	0	2,464,639	2,464,639
Beginning Fund Balance	0	0	0	0	0	0
<b>Total Resources</b>	0	0	750,000	0	2,464,639	2,464,639
<b>Requirements</b>						
Personnel Services	0	0	550,000	0	1,183,326	1,183,326
External Materials and Services	0	0	0	0	800,000	800,000
Internal Materials and Services	0	0	200,000	0	481,313	481,313
<b>Total Bureau Expenditures</b>	0	0	750,000	0	2,464,639	2,464,639
<b>Total Fund Expenditures</b>	0	0	0	0	0	0
Ending Fund Balance	0	0	0	0	0	0
<b>Total Requirements</b>	0	0	750,000	0	2,464,639	2,464,639

## Fund Overview

The Affordable Housing Development Fund was established by City Council action in April 2019. The fund is to be used for the Portland Bond and Metro Bond projects and financing activities, funded primarily by Housing General Obligation (GO) Bonds.

**Managing Agency**      Portland Housing Bureau

## Significant Changes From Prior Year

On November 6, 2018, voters changed the Oregon Constitution to allow for the lending of GO Bond proceeds for the creation of affordable housing. This is a notable change to the program that will mean that Portland Housing Bureau (PHB) can return to its typical public-private partnership model for the creation of affordable housing. This will also mean that PHB may reconsider the disposition and ultimate ownership of the properties already acquired under the Bond program.

In 2018 Portland-area voters also approved Measure 26-199, the Regional Affordable Housing Bond, which authorizes Metro to issue up to \$652,800,000 in general obligation bonds for the development (new) or acquisition of (existing) affordable housing. PHB will receive approximately \$200 million of these funds.

# Airport Way Debt Service Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	4,213,784	5,320,552	4,776,282	3,792,079	3,792,079	3,792,079
Miscellaneous	50,407	65,862	25,000	30,000	30,000	30,000
<b>Total External Revenues</b>	<b>4,264,191</b>	<b>5,386,414</b>	<b>4,801,282</b>	<b>3,822,079</b>	<b>3,822,079</b>	<b>3,822,079</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	2,600,407	1,687,227	1,730,000	1,632,462	1,632,462	1,632,462
<b>Total Resources</b>	<b>6,864,598</b>	<b>7,073,641</b>	<b>6,531,282</b>	<b>5,454,541</b>	<b>5,454,541</b>	<b>5,454,541</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	5,177,371	5,183,340	5,187,594	5,189,541	5,189,541	5,189,541
Debt Service Reserves	0	0	1,343,688	265,000	265,000	265,000
<b>Total Fund Expenditures</b>	<b>5,177,371</b>	<b>5,183,340</b>	<b>6,531,282</b>	<b>5,454,541</b>	<b>5,454,541</b>	<b>5,454,541</b>
Ending Fund Balance	1,687,227	1,890,301	0	0	0	0
<b>Total Requirements</b>	<b>6,864,598</b>	<b>7,073,641</b>	<b>6,531,282</b>	<b>5,454,541</b>	<b>5,454,541</b>	<b>5,454,541</b>

## Fund Overview

The Airport Way Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Airport Way Urban Renewal District. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing and refinancing of improvements in this district. The final long-term bonds were issued for this urban renewal area in September 2005. The final debt service payment on all bonds issued for this district is scheduled for June of 2020.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

## Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

**Debt Summary****Airport Way Debt Service Fund**

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Urban Renewal &amp; Redevelopment Refunding Bond, 2015 Series A</b>						
<b>7/9/2015 - Due 6/15</b>	24,897,200					
		2019/20	5,118,900	1.38%	70,641	5,189,541
<b>TOTAL FUND DEBT SERVICE</b>			<b>5,118,900</b>		<b>70,641</b>	<b>5,189,541</b>

# Arts Education and Access Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	12,063,112	12,444,574	12,980,000	13,960,000	13,960,000	13,960,000
Miscellaneous	78,414	118,901	150,000	120,000	120,000	120,000
<b>Total External Revenues</b>	<b>12,141,526</b>	<b>12,563,475</b>	<b>13,130,000</b>	<b>14,080,000</b>	<b>14,080,000</b>	<b>14,080,000</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	7,933,928	8,746,638	8,438,921	8,134,520	8,134,520	8,134,520
<b>Total Resources</b>	<b>20,075,454</b>	<b>21,310,113</b>	<b>21,568,921</b>	<b>22,214,520</b>	<b>22,214,520</b>	<b>22,214,520</b>
<b>Requirements</b>						
External Materials and Services	10,296,293	11,822,230	12,205,884	14,150,000	14,150,000	14,150,000
Internal Materials and Services	1,007,523	1,023,962	1,207,401	1,307,951	1,307,951	1,307,951
<b>Total Bureau Expenditures</b>	<b>11,303,816</b>	<b>12,846,192</b>	<b>13,413,285</b>	<b>15,457,951</b>	<b>15,457,951</b>	<b>15,457,951</b>
Contingency	0	0	8,130,636	6,731,569	6,731,569	6,731,569
Fund Transfers - Expense	25,000	25,000	25,000	25,000	25,000	25,000
<b>Total Fund Expenditures</b>	<b>25,000</b>	<b>25,000</b>	<b>8,155,636</b>	<b>6,756,569</b>	<b>6,756,569</b>	<b>6,756,569</b>
Ending Fund Balance	8,746,638	8,438,921	0	0	0	0
<b>Total Requirements</b>	<b>20,075,454</b>	<b>21,310,113</b>	<b>21,568,921</b>	<b>22,214,520</b>	<b>22,214,520</b>	<b>22,214,520</b>

## Fund Overview

The Arts Education & Access Fund receives revenues from a tax of \$35 imposed on each income-earning resident of the City of Portland who is at least 18 years old. Households under the Federal Poverty Level are exempt. Net revenues are distributed from this fund to six school districts located in the city (Portland Public, David Douglas, Centennial, Parkrose, Reynolds, and Riverdale) and the Regional Arts and Culture Council, in accordance with the respective intergovernmental agreements or contracts.

Funds distributed to the school districts are used to hire certified arts or music education teachers for kindergarten through 5th grade (K-5). Distribution is based on a ratio of one teacher for every 500 K-5 students or a pro rata basis for less than 500 students attending a school. Any funds remaining after distribution to the School Districts are distributed to the Regional Arts and Culture Council (RACC). Up to 95% of the funds distributed to RACC shall be for grants to support nonprofit Portland arts organizations. A minimum of 5% of the funds distributed to RACC shall be for grants to schools and nonprofit organizations that will give access to high-quality arts experiences to K-12 grade students, with particular emphasis on programs directed to underserved communities.

The Bureau of Revenue & Financial Services, Revenue Division manages the Arts Education & Access Fund, administers the collection of the Arts Tax, and charges the fund an administrative fee for services.

## Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	871	1,133	1,450	1,575	1,575	1,575
<b>Total External Revenues</b>	<b>871</b>	<b>1,133</b>	<b>1,450</b>	<b>1,575</b>	<b>1,575</b>	<b>1,575</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	78,789	79,660	80,650	82,336	82,336	82,336
<b>Total Resources</b>	<b>79,660</b>	<b>80,793</b>	<b>82,100</b>	<b>83,911</b>	<b>83,911</b>	<b>83,911</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Contingency	0	0	82,100	83,911	83,911	83,911
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>82,100</b>	<b>83,911</b>	<b>83,911</b>	<b>83,911</b>
Ending Fund Balance	79,660	80,793	0	0	0	0
<b>Total Requirements</b>	<b>79,660</b>	<b>80,793</b>	<b>82,100</b>	<b>83,911</b>	<b>83,911</b>	<b>83,911</b>

## Fund Overview

The Assessment Collection Fund is largely inactive, with a minimal number of accounting transactions posted to the fund. The City Charter allows for replenishment of this fund by selling up to \$1.5 million in bonds. Those resources would be used to pay off delinquent accounts in other funds. Collection activity on the delinquent liens, up to and including foreclosure, would then be handled by the fund.

### Managing Agency

Office of Management & Finance - Bureau of Revenue & Financial Services

# Bancroft Bond Interest and Sinking Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	7,347,179	6,285,767	5,672,362	5,700,000	5,700,000	5,700,000
<b>Total External Revenues</b>	<b>7,347,179</b>	<b>6,285,767</b>	<b>5,672,362</b>	<b>5,700,000</b>	<b>5,700,000</b>	<b>5,700,000</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	14,792,511	14,592,927	14,859,711	15,500,000	15,500,000	15,500,000
<b>Total Resources</b>	<b>22,139,690</b>	<b>20,878,694</b>	<b>20,532,073</b>	<b>21,200,000</b>	<b>21,200,000</b>	<b>21,200,000</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	5,846,763	5,376,506	4,709,990	5,700,000	5,700,000	5,700,000
Fund Transfers - Expense	1,700,000	0	0	0	0	0
Debt Service Reserves	0	0	15,822,083	15,500,000	15,500,000	15,500,000
<b>Total Fund Expenditures</b>	<b>7,546,763</b>	<b>5,376,506</b>	<b>20,532,073</b>	<b>21,200,000</b>	<b>21,200,000</b>	<b>21,200,000</b>
Ending Fund Balance	14,592,927	15,502,188	0	0	0	0
<b>Total Requirements</b>	<b>22,139,690</b>	<b>20,878,694</b>	<b>20,532,073</b>	<b>21,200,000</b>	<b>21,200,000</b>	<b>21,200,000</b>

## Fund Overview

The Bancroft Bond Interest and Sinking Fund is used to achieve a proper matching of revenues and expenditures related to financing public infrastructure improvements requested by property owners. This fund accounts for resources and the allocation thereof, and to pay principal and interest on outstanding debt related to financing these improvements.

**Managing Agency** Office of Management & Finance - Bureau of Revenue & Financial Services

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Limited Tax Improvement Bond, 2007 Series A</b>						
<b>06/28/2007 - Due 6/1</b>	41,745,000					
		2019/20	0		691,750	834,750
		2020/21	0		691,750	834,750
		2021/22	0		691,750	834,750
		2022/23	0		691,750	834,750
		2023/24	0		691,750	834,750
		2024/25	0		691,750	834,750
		2025/26	0		691,750	834,750
		2026/27	13,835,000	5.00%	691,750	17,529,750
		<b>TOTAL</b>	<b>13,835,000</b>		<b>5,534,000</b>	<b>23,373,000</b>
<b>Limited Tax Improvement Bond, 2010 Series A</b>						
<b>04/29/2010 - Due 6/1</b>	22,305,000					
		2019/20	0		329,588	329,588
		2020/21	0		329,588	329,588
		2021/22	0		329,588	329,588
		2022/23	0		329,588	329,588
		2023/24	0		329,588	329,588
		2024/25	0		329,588	329,588
		2025/26	0		329,588	329,588
		2026/27	0		329,588	329,588
		2027/28	0		329,588	329,588
		2028/29	0		329,588	329,588
		2029/30	7,990,000	4.13%	329,588	8,319,588
		<b>TOTAL</b>	<b>7,990,000</b>		<b>3,625,463</b>	<b>11,615,463</b>
<b>Limited Tax Improvement Bond, 2011 Series A</b>						
<b>12/13/2011 - Due 6/1</b>	3,400,000					
		2019/20	0		30,600	30,600
		2020/21	0		30,600	30,600
		2021/22	0		30,600	30,600
		2022/23	0		30,600	30,600
		2023/24	0		30,600	30,600
		2024/25	0		30,600	30,600
		2025/26	0		30,600	30,600
		2026/27	0		30,600	30,600
		2027/28	0		30,600	30,600
		2028/29	0		30,600	30,600
		2029/30	0		30,600	30,600
		2030/31	0		30,600	30,600
		2031/32	765,000	4.00%	30,600	795,600
		<b>TOTAL</b>	<b>765,000</b>		<b>397,800</b>	<b>1,162,800</b>

# Bancroft Bond Interest and Sinking Fund

## Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Limited Tax Improvement Bond, 2014 Series A</b>						
6/27/2014 - Due 6/1	7,815,000					
		2019/20	0		96,400	96,400
		2020/21	0		96,400	96,400
		2021/22	0		96,400	96,400
		2022/23	0		96,400	96,400
		2023/24	0		96,400	96,400
		2024/25	0		96,400	96,400
		2025/26	0		96,400	96,400
		2026/27	0		96,400	96,400
		2027/28	0		96,400	96,400
		2028/29	0		96,400	96,400
		2029/30	0		96,400	96,400
		2030/31	0		96,400	96,400
		2031/32	0		96,400	96,400
		2032/33	0		96,400	96,400
		2033/34	2,410,000	4.00%	96,400	2,506,400
		<b>TOTAL</b>	<b>2,410,000</b>		<b>1,446,000</b>	<b>3,856,000</b>
<b>Limited Tax Improvement Bond, 2018 Series A</b>						
6/27/2014 - Due 6/1	7,815,000					
		2019/20	800,000	2.05%	374,570	1,174,570
		2020/21	600,000	2.10%	334,570	934,570
		2021/22	615,000	2.20%	304,570	919,570
		2022/23	605,000	2.30%	273,820	878,820
		2023/24	555,000	2.40%	243,570	798,570
		2024/25	0		215,820	215,820
		2025/26	0		215,820	215,820
		2026/27	0		215,820	215,820
		2027/28	0		215,820	215,820
		2028/29	1,770,000	3.00%	215,820	1,985,820
		2029/30	0		162,720	162,720
		2030/31	0		162,720	162,720
		2031/32	0		162,720	162,720
		2032/33	0		162,720	162,720
		2033/34	0		162,720	162,720
		2034/35	0		162,720	162,720
		2035/36	0		162,720	162,720
		2036/37	0		162,720	162,720
		2037/38	0		162,720	162,720
		2038/39	4,520,000	3.60%	162,720	4,682,720
		<b>TOTAL</b>	<b>9,465,000</b>		<b>4,237,400</b>	<b>13,702,400</b>

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>COMBINED DEBT SERVICE</b>						
	75,265,000					
		2019/20	800,000		1,522,908	2,322,908
		2020/21	600,000		1,482,908	2,082,908
		2021/22	615,000		1,452,908	2,067,908
		2022/23	605,000		1,422,158	2,027,158
		2023/24	555,000		1,391,908	1,946,908
		2024/25	0		1,364,158	1,364,158
		2025/26	0		1,364,158	1,364,158
		2026/27	13,835,000		1,364,158	15,199,158
		2027/28	0		672,408	672,408
		2028/29	1,770,000		672,408	2,442,408
		2029/30	7,990,000		619,308	8,609,308
		2030/31	0		289,720	289,720
		2031/32	765,000		289,720	1,054,720
		2032/33	0		259,120	259,120
		2033/34	2,410,000		259,120	2,669,120
<b>TOTAL FUND DEBT SERVICE</b>			<b>34,465,000</b>		<b>15,240,663</b>	<b>49,705,663</b>

# Cannabis Licensing Special Revenue Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	0	0	1,075,767	1,294,535	1,294,535	1,294,535
<b>Total External Revenues</b>	<b>0</b>	<b>0</b>	<b>1,075,767</b>	<b>1,294,535</b>	<b>1,294,535</b>	<b>1,294,535</b>
Fund Transfers - Revenue	0	0	1,094,858	0	0	0
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>1,094,858</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	0	0	0	0	0	0
<b>Total Resources</b>	<b>0</b>	<b>0</b>	<b>2,170,625</b>	<b>1,294,535</b>	<b>1,294,535</b>	<b>1,294,535</b>
<b>Requirements</b>						
Personnel Services	0	0	866,271	1,093,182	1,093,182	1,093,182
External Materials and Services	0	0	65,664	58,350	58,350	58,350
Internal Materials and Services	0	0	143,832	143,003	143,003	143,003
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>1,075,767</b>	<b>1,294,535</b>	<b>1,294,535</b>	<b>1,294,535</b>
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	0	0	1,094,858	0	0	0
<b>Total Requirements</b>	<b>0</b>	<b>0</b>	<b>2,170,625</b>	<b>1,294,535</b>	<b>1,294,535</b>	<b>1,294,535</b>

## Fund Overview

The Cannabis Licensing Special Revenue Fund was established to account for the revenues and expenditures related to the City's Cannabis Licensing program. Revenue sources for the fund are application, licensing, and violation fees submitted by cannabis businesses for the purposes of meeting provisions of Portland City Code 14B.130. If unforeseen changes in revenue occur in any given fiscal year, the fund's resources will provide for the continuous operations of the program.

**Managing Agency** Office of Community and Civic Life

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	7,365,739	8,693,554	9,589,474	9,409,625	9,409,625	9,409,625
Bond & Note	6,186,639	0	0	0	0	0
Miscellaneous	58,356	87,390	35,000	124,000	124,000	124,000
<b>Total External Revenues</b>	<b>13,610,734</b>	<b>8,780,944</b>	<b>9,624,474</b>	<b>9,533,625</b>	<b>9,533,625</b>	<b>9,533,625</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	2,774,075	2,825,901	2,405,863	3,339,000	3,339,000	3,339,000
<b>Total Resources</b>	<b>16,384,809</b>	<b>11,606,845</b>	<b>12,030,337</b>	<b>12,872,625</b>	<b>12,872,625</b>	<b>12,872,625</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	13,558,908	8,925,473	9,624,474	10,466,762	10,466,762	10,466,762
Debt Service Reserves	0	0	2,405,863	2,405,863	2,405,863	2,405,863
<b>Total Fund Expenditures</b>	<b>13,558,908</b>	<b>8,925,473</b>	<b>12,030,337</b>	<b>12,872,625</b>	<b>12,872,625</b>	<b>12,872,625</b>
Ending Fund Balance	2,825,901	2,681,371	0	0	0	0
<b>Total Requirements</b>	<b>16,384,809</b>	<b>11,606,844</b>	<b>12,030,337</b>	<b>12,872,625</b>	<b>12,872,625</b>	<b>12,872,625</b>

## Fund Overview

The Central Eastside Industrial District Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Central Eastside Urban Renewal Area. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing improvements in this district.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

### Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

# Central Eastside Industrial District Debt Service Fund

## Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Central Eastside Urban Renewal and Redelopment Bonds, 2011 Series A (Federally Taxable)</b>						
03/31/2011 - Due 6/15	10,205,000					
		2019/20	1,345,000	6.05%	107,864	1,452,864
		2020/21	425,000	6.25%	26,546	451,546
		<b>TOTAL</b>	<b>1,770,000</b>		<b>134,410</b>	<b>1,904,410</b>
<b>Central Eastside Urban Renewal and Redelopment Bonds, 2011 Series B</b>						
03/31/2011 - Due 6/15	19,485,000					
		2019/20	0		952,125	952,125
		2020/21	1,000,000	4.00%	952,125	1,952,125
		2021/22	1,490,000	4.25%	912,125	2,402,125
		2022/23	1,555,000	4.38%	848,800	2,403,800
		2023/24	1,625,000	4.63%	780,769	2,405,769
		2024/25	1,700,000	4.75%	705,613	2,405,613
		2025/26	1,780,000	5.00%	624,863	2,404,863
		2026/27	1,870,000	5.00%	535,863	2,405,863
		2027/28	1,960,000	5.00%	442,363	2,402,363
		2028/29	2,060,000	5.25%	344,363	2,404,363
		2029/30	2,165,000	5.25%	236,213	2,401,213
		2030/31	2,280,000	5.38%	122,550	2,402,550
		<b>TOTAL</b>	<b>19,485,000</b>		<b>7,457,769</b>	<b>26,942,769</b>
<b>Estimated - Du Jour and Line of Credit</b>						
	6,700,000					
		<b>TOTAL</b>	<b>6,700,000</b>		<b>1,362,102</b>	<b>8,062,102</b>
<b>COMBINED DEBT SERVICE</b>						
	36,390,000					
		2019/20	8,045,000		2,422,091	10,467,091
		2020/21	1,425,000		978,671	2,403,671
		2021/22	1,490,000		912,125	2,402,125
		2022/23	1,555,000		848,800	2,403,800
		2023/24	1,625,000		780,769	2,405,769
		2024/25	1,700,000		705,613	2,405,613
		2025/26	1,780,000		624,863	2,404,863
		2026/27	1,870,000		535,863	2,405,863
		2027/28	1,960,000		442,363	2,402,363
		2028/29	2,060,000		344,363	2,404,363
		2029/30	2,165,000		236,213	2,401,213
		2030/31	2,280,000		122,550	2,402,550
<b>TOTAL FUND DEBT SERVICE</b>			<b>27,955,000</b>		<b>8,954,280</b>	<b>36,909,280</b>

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	17,797,205	19,470,531	21,023,311	22,001,560	22,001,560	22,001,560
Miscellaneous	112,168	195,154	0	0	0	0
<b>Total External Revenues</b>	<b>17,909,373</b>	<b>19,665,685</b>	<b>21,023,311</b>	<b>22,001,560</b>	<b>22,001,560</b>	<b>22,001,560</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	4,400,514	7,024,767	7,375,000	9,649,722	9,649,722	9,649,722
<b>Total Resources</b>	<b>22,309,887</b>	<b>26,690,452</b>	<b>28,398,311</b>	<b>31,651,282</b>	<b>31,651,282</b>	<b>31,651,282</b>
<b>Requirements</b>						
Personnel Services	554,579	624,624	736,614	786,440	902,324	902,324
External Materials and Services	14,645,928	17,144,074	19,332,493	23,589,456	23,603,572	23,603,572
Internal Materials and Services	59,613	63,424	58,778	53,242	53,242	53,242
<b>Total Bureau Expenditures</b>	<b>15,260,120</b>	<b>17,832,122</b>	<b>20,127,885</b>	<b>24,429,138</b>	<b>24,559,138</b>	<b>24,559,138</b>
Contingency	0	0	8,245,426	7,197,144	7,067,144	7,067,144
Fund Transfers - Expense	25,000	25,000	25,000	25,000	25,000	25,000
<b>Total Fund Expenditures</b>	<b>25,000</b>	<b>25,000</b>	<b>8,270,426</b>	<b>7,222,144</b>	<b>7,092,144</b>	<b>7,092,144</b>
Ending Fund Balance	7,024,767	8,833,331	0	0	0	0
<b>Total Requirements</b>	<b>22,309,887</b>	<b>26,690,453</b>	<b>28,398,311</b>	<b>31,651,282</b>	<b>31,651,282</b>	<b>31,651,282</b>

## Fund Overview

The Children's Investment Fund was established in FY 2002-03 to account for the revenues and expenditures related to the Portland Children's Levy. This levy was most recently renewed by Portland voters in May 2018. The current levy authorizes the ongoing revenue generation and operation of the Portland Children's Investment Fund through June 30, 2024.

Decisions on grant expenditures of the Children's Levy are made by a five-person committee and approved by City Council. Administrative expenditures are capped at 5% of the fund by law. All allocations must be made in conformance with the levy language as approved by voters.

**Managing Agency**      Portland Children's Levy

## Significant Changes from Prior Year

Revenues from the Portland Children's Levy are projected to increase in FY 2019-20 due to continued rising property tax revenues, growing by an estimated \$978,000 or 4.7% from the FY 2018-19 Revised Budget.

# Community Development Block Grant Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	8,370	4,807	0	0	0	0
Intergovernmental	7,006,629	8,691,711	11,102,190	12,001,870	11,972,159	11,972,159
Miscellaneous	1,982,877	2,133,070	2,368,029	1,025,000	1,025,000	1,025,000
<b>Total External Revenues</b>	<b>8,997,876</b>	<b>10,829,589</b>	<b>13,470,219</b>	<b>13,026,870</b>	<b>12,997,159</b>	<b>12,997,159</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	295,984	595,348	0	0	0	0
<b>Total Resources</b>	<b>9,293,860</b>	<b>11,424,937</b>	<b>13,470,219</b>	<b>13,026,870</b>	<b>12,997,159</b>	<b>12,997,159</b>
<b>Requirements</b>						
Personnel Services	1,342,040	1,197,551	1,147,511	1,356,959	1,349,576	1,349,576
External Materials and Services	6,296,597	8,564,188	11,339,231	10,375,407	10,353,619	10,353,619
Internal Materials and Services	333,607	251,501	235,477	512,607	512,067	512,067
<b>Total Bureau Expenditures</b>	<b>7,972,244</b>	<b>10,013,240</b>	<b>12,722,219</b>	<b>12,244,973</b>	<b>12,215,262</b>	<b>12,215,262</b>
Debt Service	726,268	734,577	748,000	756,000	756,000	756,000
Contingency	0	0	0	25,897	25,897	25,897
<b>Total Fund Expenditures</b>	<b>726,268</b>	<b>734,577</b>	<b>748,000</b>	<b>781,897</b>	<b>781,897</b>	<b>781,897</b>
Ending Fund Balance	595,348	677,120	0	0	0	0
<b>Total Requirements</b>	<b>9,293,860</b>	<b>11,424,937</b>	<b>13,470,219</b>	<b>13,026,870</b>	<b>12,997,159</b>	<b>12,997,159</b>

## Fund Overview

### Revenues

The Community Development Block Grant (CDBG) Fund accounts for the City's CDBG entitlement from the United States Department of Housing and Urban Development (HUD), loan repayments, lien payments, revenue generated from CDBG-funded activities, carryover funds from prior years, private leveraged resources, and interest and repayments for float activities.

### Structure

The CDBG Fund is an annual entitlement grant fund that is reimbursed by the federal government for actual expenditures less any program income received. The fund generally has only a small ending balance because requests for reimbursement cannot exceed expenditures less program income. Activity is booked directly to this fund and includes loan personnel services, loan disbursements, subrecipient contract payments and indirect costs, as well as loan receivables and repayment program income.

### Carryover

Entitlement appropriations remaining at the end of the fiscal year are carried over in the Fall Supplemental Budget Process of the following fiscal year. The supplemental budget includes obligated carryover, appropriation for projects that have been authorized and budgeted in the prior year, and carryover appropriation for expanded projects or new requests.

### Managing Agency

Portland Housing Bureau

## Significant Changes from Prior Year

Overall appropriations in FY 2019-20 are lower compared to FY 2018-19, primarily based on several projects approaching completion in FY 2018-19.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	9,417	9,225	9,520	11,072	11,072	11,072
<b>Total External Revenues</b>	<b>9,417</b>	<b>9,225</b>	<b>9,520</b>	<b>11,072</b>	<b>11,072</b>	<b>11,072</b>
Fund Transfers - Revenue	0	0	0	9	9	9
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>9</b>	<b>9</b>
Beginning Fund Balance	43,912	53,205	62,498	73,332	73,332	73,332
<b>Total Resources</b>	<b>53,329</b>	<b>62,430</b>	<b>72,018</b>	<b>84,413</b>	<b>84,413</b>	<b>84,413</b>
<b>Requirements</b>						
External Materials and Services	8	0	47	0	0	0
<b>Total Bureau Expenditures</b>	<b>8</b>	<b>0</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>0</b>
Fund Transfers - Expense	116	84	78	0	0	0
<b>Total Fund Expenditures</b>	<b>116</b>	<b>84</b>	<b>78</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	53,205	62,345	71,893	84,413	84,413	84,413
<b>Total Requirements</b>	<b>53,329</b>	<b>62,429</b>	<b>72,018</b>	<b>84,413</b>	<b>84,413</b>	<b>84,413</b>

## Fund Overview

The Community Solar Fund accounts for expenses and revenues associated with the installation of solar electric systems on community buildings.

The fund receives revenue from two sources:

- ♦ The electric utility companies, in the form of a fifteen-year stream of incentive payments based on the energy produced from each solar energy system; and
- ♦ Donations from individuals, businesses and organizations who provide voluntary contributions.

The accrued revenue is used to install new, small-scale solar electric systems on community buildings.

**Managing Agency** Bureau of Planning & Sustainability

## Significant Changes from Prior Year

In 2016, Governor Kate Brown signed into law a bill that required utilities to develop rules for a community solar program for consideration by the Oregon Public Utilities Commission (OPUC). After two years of rule-making and program development, the statewide community solar program is expected to launch in calendar year 2019. This means that projects in the statewide development pipeline will be looking for financing and funding sources some time in FY 2019-20.

The revenues in the Community Solar Special Revenue fund could be used to develop a City-hosted community solar project or could be invested by subscribing to a community solar project sited elsewhere and developed by others, according to state program rules. As part of the American Cities Climate Challenge award that Portland received in October 2018 from Bloomberg Philanthropies, BPS will continue to receive technical assistance in FY 2019-20 as it did in FY 2018-19 to help evaluate options for optimally using the revenues in the Community Solar Special Revenue Fund to support community solar project development.

# Convention and Tourism Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	17,933,744	18,412,301	21,756,000	22,206,000	22,206,000	22,206,000
Miscellaneous	16,328	25,476	55,500	30,000	30,000	30,000
<b>Total External Revenues</b>	<b>17,950,072</b>	<b>18,437,777</b>	<b>21,811,500</b>	<b>22,236,000</b>	<b>22,236,000</b>	<b>22,236,000</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	135,216	118,344	147,265	0	0	0
<b>Total Resources</b>	<b>18,085,288</b>	<b>18,556,121</b>	<b>21,958,765</b>	<b>22,236,000</b>	<b>22,236,000</b>	<b>22,236,000</b>
<b>Requirements</b>						
External Materials and Services	17,601,273	18,062,474	21,511,513	21,749,598	21,749,598	21,749,598
Internal Materials and Services	340,671	321,382	422,252	461,402	461,402	461,402
<b>Total Bureau Expenditures</b>	<b>17,941,944</b>	<b>18,383,856</b>	<b>21,933,765</b>	<b>22,211,000</b>	<b>22,211,000</b>	<b>22,211,000</b>
Fund Transfers - Expense	25,000	25,000	25,000	25,000	25,000	25,000
<b>Total Fund Expenditures</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>
Ending Fund Balance	118,344	147,265	0	0	0	0
<b>Total Requirements</b>	<b>18,085,288</b>	<b>18,556,121</b>	<b>21,958,765</b>	<b>22,236,000</b>	<b>22,236,000</b>	<b>22,236,000</b>

## Fund Overview

The Convention and Tourism Fund receives revenues from a 1% transient lodging tax assessed on guests at short-term (transient) lodging locations, including hotels, motels, bed and breakfast establishments, and private homes within the city. Expenditures from this fund are authorized for the promotion and procurement of convention business and tourism as established by City Charter. The City currently contracts with Travel Portland for these services.

In 2012, Council created a Portland Tourism Improvement District. The Tourism Improvement District (TID) was established to enhance the promotion of Portland as a preferred destination for meetings, conventions, and leisure travel. The 2% district assessment keeps Portland's lodging industry competitive with other cities.

**Managing Agency** Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	14,032,037	9,706,140	12,973,342	13,416,985	13,416,985	13,416,985
Miscellaneous	163,546	277,633	150,000	200,000	200,000	200,000
<b>Total External Revenues</b>	<b>14,195,583</b>	<b>9,983,773</b>	<b>13,123,342</b>	<b>13,616,985</b>	<b>13,616,985</b>	<b>13,616,985</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	8,290,643	14,673,559	16,300,000	22,125,300	22,125,300	22,125,300
<b>Total Resources</b>	<b>22,486,226</b>	<b>24,657,332</b>	<b>29,423,342</b>	<b>35,742,285</b>	<b>35,742,285</b>	<b>35,742,285</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	7,812,667	7,811,167	7,809,418	8,311,918	8,311,918	8,311,918
Debt Service Reserves	0	0	1,246,788	1,246,788	1,246,788	1,246,788
<b>Total Fund Expenditures</b>	<b>7,812,667</b>	<b>7,811,167</b>	<b>9,056,206</b>	<b>9,558,706</b>	<b>9,558,706</b>	<b>9,558,706</b>
Ending Fund Balance	14,673,559	16,846,165	20,367,136	26,183,579	26,183,579	26,183,579
<b>Total Requirements</b>	<b>22,486,226</b>	<b>24,657,332</b>	<b>29,423,342</b>	<b>35,742,285</b>	<b>35,742,285</b>	<b>35,742,285</b>

## Fund Overview

The Convention Center Area Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Convention Center Urban Renewal Area. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing improvements in this district. The final long-term bonds were issued for this urban renewal area in May 2012. The final payment on all bonds issued for this district is scheduled for June 2025.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax.

### Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

# Convention Center Area Debt Service Fund

## Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Urban Renewal &amp; Redevelopment Bonds, 2011 Series B</b>						
07/06/2011 - Due 6/15	29,685,000					
		2019/20	4,780,000	5.00%	239,000	5,019,000
		<b>TOTAL</b>	<b>4,780,000</b>		<b>239,000</b>	<b>5,019,000</b>
<b>Urban Renewal &amp; Redevelopment Bonds, 2012 Series A (Federally Taxable)</b>						
05/17/2012 - Due 6/15	69,760,000					
		2019/20	500,000	3.62%	2,792,917	3,292,917
		2020/21	14,075,000	3.72%	2,774,802	16,849,802
		2021/22	14,600,000	3.87%	2,250,790	16,850,790
		2022/23	15,165,000	4.02%	1,685,332	16,850,332
		2023/24	15,775,000	4.17%	1,075,244	16,850,244
		2024/25	9,645,000	4.32%	416,953	10,061,953
		<b>TOTAL</b>	<b>69,760,000</b>		<b>10,996,039</b>	<b>80,756,039</b>
<b>COMBINED DEBT SERVICE</b>						
	99,445,000					
		2019/20	5,280,000		3,031,917	8,311,917
		2020/21	14,075,000		2,774,802	16,849,802
		2021/22	14,600,000		2,250,790	16,850,790
		2022/23	15,165,000		1,685,332	16,850,332
		2023/24	15,775,000		1,075,244	16,850,244
		2024/25	9,645,000		416,953	10,061,953
<b>TOTAL FUND DEBT SERVICE</b>			<b>74,540,000</b>		<b>11,235,039</b>	<b>85,775,039</b>

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	91,240	90,919	95,455	94,115	94,115	94,115
Miscellaneous	611	862	1,080	0	0	0
<b>Total External Revenues</b>	<b>91,851</b>	<b>91,781</b>	<b>96,535</b>	<b>94,115</b>	<b>94,115</b>	<b>94,115</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	3,576	3,627	0	0	0	0
<b>Total Resources</b>	<b>95,427</b>	<b>95,408</b>	<b>96,535</b>	<b>94,115</b>	<b>94,115</b>	<b>94,115</b>
<b>Requirements</b>						
External Materials and Services	91,800	94,200	96,535	94,115	94,115	94,115
<b>Total Bureau Expenditures</b>	<b>91,800</b>	<b>94,200</b>	<b>96,535</b>	<b>94,115</b>	<b>94,115</b>	<b>94,115</b>
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	3,627	1,208	0	0	0	0
<b>Total Requirements</b>	<b>95,427</b>	<b>95,408</b>	<b>96,535</b>	<b>94,115</b>	<b>94,115</b>	<b>94,115</b>

## Fund Overview

The Cully Boulevard Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

### Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

# Development Services Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Licenses & Permits	46,313,837	47,972,604	45,771,580	35,848,891	35,848,891	35,848,891
Charges for Services	18,769,455	17,455,328	18,044,287	13,396,191	13,326,191	13,326,191
Bond & Note	37,000,000	10,220,699	15,600,000	0	0	0
Miscellaneous	5,284,705	5,290,734	4,262,724	4,216,041	4,216,041	4,216,041
<b>Total External Revenues</b>	<b>107,367,997</b>	<b>80,939,365</b>	<b>83,678,591</b>	<b>53,461,123</b>	<b>53,391,123</b>	<b>53,391,123</b>
Fund Transfers - Revenue	2,117,744	952,985	982,528	1,005,775	1,075,775	1,075,775
Interagency Revenue	1,092,472	1,152,531	930,244	1,233,328	1,233,328	1,233,328
<b>Total Internal Revenues</b>	<b>3,210,216</b>	<b>2,105,516</b>	<b>1,912,772</b>	<b>2,239,103</b>	<b>2,309,103</b>	<b>2,309,103</b>
Beginning Fund Balance	71,166,201	76,632,770	76,568,095	80,615,435	80,615,435	80,615,435
<b>Total Resources</b>	<b>181,744,414</b>	<b>159,677,651</b>	<b>162,159,458</b>	<b>136,315,661</b>	<b>136,315,661</b>	<b>136,315,661</b>
<b>Requirements</b>						
Personnel Services	37,560,420	43,141,645	53,324,845	57,426,597	57,426,597	57,426,597
External Materials and Services	5,513,316	6,716,706	8,131,787	9,014,476	9,014,476	9,014,476
Internal Materials and Services	11,942,233	14,686,753	13,995,466	10,887,912	10,887,912	10,887,912
Capital Outlay	0	147,769	2,477,464	0	0	0
<b>Total Bureau Expenditures</b>	<b>55,015,969</b>	<b>64,692,874</b>	<b>77,929,562</b>	<b>77,328,985</b>	<b>77,328,985</b>	<b>77,328,985</b>
Debt Service	48,361,418	16,350,767	1,860,492	1,443,126	1,443,126	1,443,126
Contingency	0	0	79,962,243	55,006,712	55,006,712	55,006,712
Fund Transfers - Expense	1,734,257	2,065,916	2,407,161	2,536,838	2,536,838	2,536,838
<b>Total Fund Expenditures</b>	<b>50,095,675</b>	<b>18,416,683</b>	<b>84,229,896</b>	<b>58,986,676</b>	<b>58,986,676</b>	<b>58,986,676</b>
Ending Fund Balance	76,632,770	76,568,095	0	0	0	0
<b>Total Requirements</b>	<b>181,744,414</b>	<b>159,677,651</b>	<b>162,159,458</b>	<b>136,315,661</b>	<b>136,315,661</b>	<b>136,315,661</b>

## Fund Overview

The Development Services Fund accounts for all revenues and expenditures related to activities and services provided by the Bureau of Development Services (BDS).

**Managing Agency** Bureau of Development Services

## Significant Changes from Prior Year

After multiple years of strong growth, the construction industry and BDS have been experiencing declines in the past year. While the bureau was able to accumulate healthy reserves during the construction expansion, the bureau is currently drawing on reserves in most programs. The bureau has put in place cost savings measures to proactively manage the downturn.

**Portland Online Permitting System (POPS)**

BDS remains committed to moving forward with POPS. POPS will be implemented in phases, with each phase adding capabilities that are well-tested and supported. The plan's first phase includes simultaneous implementation of six distinct projects:

- ◆ AMANDA Migration – Update to the latest AMANDA software version, which includes all existing functionality plus improved searching capabilities, embedded GIS, and a modern online browsing experience. The current TRACS software will be retired and its data will be migrated to AMANDA.
- ◆ Inspections Scheduling – Automates inspection assignments, reducing manual assignment and scheduling time in the office, enabling more inspection time in the field and more balanced workloads
- ◆ Inspector App – Used by BDS inspectors on mobile devices, allowing access to information in real time out in the field, and enabling onsite resulting and scheduling
- ◆ Contractor App – Used by BDS customers, allows access to inspection information and results on mobile devices
- ◆ Development Hub PDX – Improved online customer portal to apply for simple permits with additional payment functionality and improved search capabilities
- ◆ PDX ePlans – Electronic review of plans, reducing customer trips to the Development Services Center, physical plans, and storage needs.

**Fee Changes**

Due to the decline in construction activity and cost inflation, BDS evaluated fees in early 2019 for most of the bureau's programs. The City Council adopted fee changes to the land use fee schedule effective April 1, 2019, and changes to most other bureau programs effective July 1, 2019. Most BDS fees had not been raised in five years; some fees had decreased in FY 2013-14 and FY 2016-17.

# Division-Midway NPI Debt Service Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	98,994	101,189	104,915	94,470	94,470	94,470
Miscellaneous	629	989	1,180	0	0	0
<b>Total External Revenues</b>	<b>99,623</b>	<b>102,178</b>	<b>106,095</b>	<b>94,470</b>	<b>94,470</b>	<b>94,470</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	399	6,122	0	0	0	0
<b>Total Resources</b>	<b>100,022</b>	<b>108,300</b>	<b>106,095</b>	<b>94,470</b>	<b>94,470</b>	<b>94,470</b>
<b>Requirements</b>						
External Materials and Services	93,900	107,000	106,095	94,470	94,470	94,470
<b>Total Bureau Expenditures</b>	<b>93,900</b>	<b>107,000</b>	<b>106,095</b>	<b>94,470</b>	<b>94,470</b>	<b>94,470</b>
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	6,122	1,300	0	0	0	0
<b>Total Requirements</b>	<b>100,022</b>	<b>108,300</b>	<b>106,095</b>	<b>94,470</b>	<b>94,470</b>	<b>94,470</b>

## Fund Overview

The Division-Midway Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

**Managing Agency** Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	4,902,408	5,218,321	5,744,794	5,953,767	5,953,767	5,953,767
Bond & Note	12,552,386	0	0	0	0	0
Miscellaneous	21,760	31,381	41,000	44,000	44,000	44,000
<b>Total External Revenues</b>	<b>17,476,554</b>	<b>5,249,702</b>	<b>5,785,794</b>	<b>5,997,767</b>	<b>5,997,767</b>	<b>5,997,767</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	384,720	265,257	0	686,000	686,000	686,000
<b>Total Resources</b>	<b>17,861,274</b>	<b>5,514,959</b>	<b>5,785,794</b>	<b>6,683,767</b>	<b>6,683,767</b>	<b>6,683,767</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	17,596,017	5,247,382	5,785,794	6,683,767	6,683,767	6,683,767
<b>Total Fund Expenditures</b>	<b>17,596,017</b>	<b>5,247,382</b>	<b>5,785,794</b>	<b>6,683,767</b>	<b>6,683,767</b>	<b>6,683,767</b>
Ending Fund Balance	265,257	267,578	0	0	0	0
<b>Total Requirements</b>	<b>17,861,274</b>	<b>5,514,960</b>	<b>5,785,794</b>	<b>6,683,767</b>	<b>6,683,767</b>	<b>6,683,767</b>

## Fund Overview

The Gateway Urban Renewal Area (URA) Debt Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Gateway Regional Center Urban Renewal Area. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing improvements in this district.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

### Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

# Gateway URA Debt Redemption Fund

## Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Estimated - Du Jour and Line of Credit	6,000,000					
		2019/20	6,000,000	variable	683,767	6,683,767
<b>TOTAL FUND DEBT SERVICE</b>			<b>6,000,000</b>		<b>683,767</b>	<b>6,683,767</b>

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
<b>Total External Revenues</b>	0	0	0	0	0	0
<b>Total Internal Revenues</b>	0	0	0	0	0	0
Beginning Fund Balance	0	0	0	0	0	0
<b>Total Resources</b>	0	0	0	0	0	0
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	0	0	0	0	0	0
<b>Total Fund Expenditures</b>	0	0	0	0	0	0
Ending Fund Balance	0	0	0	0	0	0
<b>Total Requirements</b>	0	0	0	0	0	0

## Fund Overview

Historically, the Headwaters Apartment Complex Fund reflected expenses and revenues for the City-owned Headwaters Apartment complex. The property was managed by Prosper Portland through a property management firm.

**Managing Agency**      Portland Housing Bureau

## Significant Changes from Prior Year

This fund was closed in FY 2017-18, with activities moving to the Housing Property Fund.

# HOME Grant Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	1,098	891	0	0	0	0
Intergovernmental	3,917,464	5,816,393	5,653,351	6,913,904	7,632,878	7,716,138
Miscellaneous	409,566	487,371	400,000	395,000	841,800	841,800
<b>Total External Revenues</b>	<b>4,328,128</b>	<b>6,304,655</b>	<b>6,053,351</b>	<b>7,308,904</b>	<b>8,474,678</b>	<b>8,557,938</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	163,224	127,862	0	0	0	0
<b>Total Resources</b>	<b>4,491,352</b>	<b>6,432,517</b>	<b>6,053,351</b>	<b>7,308,904</b>	<b>8,474,678</b>	<b>8,557,938</b>
<b>Requirements</b>						
Personnel Services	313,260	286,208	299,621	445,818	445,818	445,818
External Materials and Services	4,050,230	5,844,870	5,753,730	6,863,086	8,028,860	8,112,120
<b>Total Bureau Expenditures</b>	<b>4,363,490</b>	<b>6,131,079</b>	<b>6,053,351</b>	<b>7,308,904</b>	<b>8,474,678</b>	<b>8,557,938</b>
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	127,862	301,439	0	0	0	0
<b>Total Requirements</b>	<b>4,491,352</b>	<b>6,432,518</b>	<b>6,053,351</b>	<b>7,308,904</b>	<b>8,474,678</b>	<b>8,557,938</b>

## Fund Overview

The HOME program is a federal entitlement program of the United States Department of Housing and Urban Development (HUD). The purpose of the grant is to assist local governments with the development of affordable housing.

### Portland HOME Consortium

The Portland HOME Consortium consists of the City of Portland, the City of Gresham, and Multnomah County. The City of Portland is the lead partner of the consortium, and is responsible for receiving and administering the HOME grant.

### Structure

The HOME Grant Fund is reimbursed by the federal government for actual expenditures less program income. The fund generally has only a small ending balance because requests for reimbursement cannot exceed expenditures less program income. The bureau processes HOME loan activity directly. This includes processing loan disbursements, recording loan receivables, and receipting program income associated with loan repayments.

### Carryover

Entitlement appropriations remaining at the end of the fiscal year are carried over in the Fall Supplemental Budget Process of the following fiscal year. The supplemental budget includes obligated carryover, appropriation for projects that have been authorized and budgeted in the prior year, and carryover appropriation for expanded projects or new requests.

### Managing Agency

Portland Housing Bureau

## Significant Changes from Prior Year

Appropriations in FY 2019-20 are projected higher than the prior year reflecting new projects from the 2018 award cycle.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Bond & Note	84,701,266	24,095,702	18,210,220	16,350,000	0	0
Miscellaneous	58,424	(41,151)	800	0	0	0
<b>Total External Revenues</b>	<b>84,759,690</b>	<b>24,054,551</b>	<b>18,211,020</b>	<b>16,350,000</b>	<b>0</b>	<b>0</b>
Fund Transfers - Revenue	467,245	5,047,366	347,818	0	0	0
<b>Total Internal Revenues</b>	<b>467,245</b>	<b>5,047,366</b>	<b>347,818</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	0	170,715	504,629	0	0	0
<b>Total Resources</b>	<b>85,226,935</b>	<b>29,272,632</b>	<b>19,063,467</b>	<b>16,350,000</b>	<b>0</b>	<b>0</b>
<b>Requirements</b>						
Personnel Services	50,075	181,193	1,166,500	1,175,947	0	0
External Materials and Services	84,825	199,214	1,294,313	14,693,280	0	0
Internal Materials and Services	54,310	97,153	280,054	480,773	0	0
Capital Outlay	47,414,294	18,362,773	475,000	0	0	0
<b>Total Bureau Expenditures</b>	<b>47,603,504</b>	<b>18,840,333</b>	<b>3,215,867</b>	<b>16,350,000</b>	<b>0</b>	<b>0</b>
Debt Service	37,452,716	10,402,282	15,760,000	0	0	0
Fund Transfers - Expense	0	0	87,600	0	0	0
<b>Total Fund Expenditures</b>	<b>37,452,716</b>	<b>10,402,282</b>	<b>15,847,600</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	170,715	30,017	0	0	0	0
<b>Total Requirements</b>	<b>85,226,935</b>	<b>29,272,632</b>	<b>19,063,467</b>	<b>16,350,000</b>	<b>0</b>	<b>0</b>

## Fund Overview

The Housing Capital Fund was established by City Council action in April 2017. The fund is to be used for capital acquisition and financing activities, funded primarily by Housing General Obligation (GO) Bonds. This may include both the Portland Affordable Housing Bond passed by voters in 2016 and the Metro Regional Affordable Housing Bond approved in 2018.

**Managing Agency** Portland Housing Bureau

## Significant Changes From Prior Year

On November 6, 2018, voters changed the Oregon Constitution to allow for the lending of GO Bond proceeds for the creation of affordable housing. This is a notable change to the program that will mean that the Portland Housing Bureau (PHB) can return to its typical public-private partnership model for the creation of affordable housing. This will also mean that PHB may reconsider the disposition and ultimate ownership of the properties already acquired under the Bond program.

Due to this change, there are no resources or expenditures budgeted in this fund for FY 2019-20, as the bureau does not plan at this time to acquire or finance capital assets during the upcoming fiscal year. Instead, the new Affordable Housing Development Fund reflects revenues and expenditures for financing projects developed by third parties.

# Housing Investment Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	568,190	490,564	568,850	499,435	30,000	30,000
Intergovernmental	5,365,588	379,087	280,000	284,648	284,648	284,648
Miscellaneous	5,121,025	1,331,649	558,072	441,988	441,575	441,575
<b>Total External Revenues</b>	<b>11,054,803</b>	<b>2,201,300</b>	<b>1,406,922</b>	<b>1,226,071</b>	<b>756,223</b>	<b>756,223</b>
Fund Transfers - Revenue	1,200,000	2,940,542	2,903,450	346,360	516,700	516,700
<b>Total Internal Revenues</b>	<b>1,200,000</b>	<b>2,940,542</b>	<b>2,903,450</b>	<b>346,360</b>	<b>516,700</b>	<b>516,700</b>
Beginning Fund Balance	5,643,430	12,620,938	6,601,310	1,568,280	3,201,312	3,251,312
<b>Total Resources</b>	<b>17,898,233</b>	<b>17,762,780</b>	<b>10,911,682</b>	<b>3,140,711</b>	<b>4,474,235</b>	<b>4,524,235</b>
<b>Requirements</b>						
Personnel Services	984,486	1,367,717	1,172,127	1,293,373	990,485	990,485
External Materials and Services	2,315,456	3,008,195	6,509,004	1,022,814	369,585	419,585
Internal Materials and Services	31,000	3,515	0	0	0	0
<b>Total Bureau Expenditures</b>	<b>3,330,942</b>	<b>4,379,427</b>	<b>7,681,131</b>	<b>2,316,187</b>	<b>1,360,070</b>	<b>1,410,070</b>
Debt Service	0	0	288,703	0	0	0
Contingency	0	0	521,767	0	0	0
Fund Transfers - Expense	1,946,353	5,877,265	2,420,081	824,524	3,114,165	3,114,165
<b>Total Fund Expenditures</b>	<b>1,946,353</b>	<b>5,877,265</b>	<b>3,230,551</b>	<b>824,524</b>	<b>3,114,165</b>	<b>3,114,165</b>
Ending Fund Balance	12,620,938	7,506,089	0	0	0	0
<b>Total Requirements</b>	<b>17,898,233</b>	<b>17,762,781</b>	<b>10,911,682</b>	<b>3,140,711</b>	<b>4,474,235</b>	<b>4,524,235</b>

## Fund Overview

The Housing Investment Fund (HIF) supports the City's housing initiatives, which serve to develop or preserve affordable housing in Portland or help low- and moderate-income individuals access affordable housing. In addition to development and preservation of housing units, there are several other programs tracked in this fund.

The Portland Housing Bureau (PHB) administers indirect programs to promote affordable housing via foregone revenue. These programs include limited property tax exemptions, system development charge waivers, and mortgage credit certificates.

ServicePoint is a statewide homeless management information system that PHB manages on behalf of other agencies across the state. PHB recovers the costs of providing this service from these agencies via intergovernmental agreements.

The Housing Investment Fund includes a transfer from the General Fund based on short-term rental revenue, as well as funding administered on behalf of Multnomah County for rental housing development.

Subfunds exist for each of the different programs in this fund. Activities are booked directly to the sub-funds and include personnel services, software license fees, and recording fees, as well as loan receivables and repayment program income.

## Managing Agency

Portland Housing Bureau

**Significant Changes from Prior Year**

The bureau has three projects underway using different HIF resources. These include a Central City Concern project (Stark Street), as well as an eastside health center being financed by Multnomah County. Allocations in this fund can fluctuate significantly from year-to-year based on project timing.

# Housing Property Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	2,081,397	5,022,848	5,015,160	5,230,459	5,333,629	5,333,629
Intergovernmental	305,391	0	0	0	0	0
Miscellaneous	24,010	61,763	27,238	40,000	40,000	40,000
<b>Total External Revenues</b>	<b>2,410,798</b>	<b>5,084,611</b>	<b>5,042,398</b>	<b>5,270,459</b>	<b>5,373,629</b>	<b>5,373,629</b>
Fund Transfers - Revenue	1,200,000	28,000	298,487	42,184	42,184	42,184
<b>Total Internal Revenues</b>	<b>1,200,000</b>	<b>28,000</b>	<b>298,487</b>	<b>42,184</b>	<b>42,184</b>	<b>42,184</b>
Beginning Fund Balance	1,298,103	1,963,205	2,561,776	7,366	7,366	7,366
<b>Total Resources</b>	<b>4,908,901</b>	<b>7,075,816</b>	<b>7,902,661</b>	<b>5,320,009</b>	<b>5,423,179</b>	<b>5,423,179</b>
<b>Requirements</b>						
Personnel Services	7,310	102,533	276,901	49,839	49,839	49,839
External Materials and Services	823,358	1,600,540	2,790,618	4,117,925	4,221,095	4,221,095
Internal Materials and Services	30,541	26,416	152,096	125,077	125,077	125,077
<b>Total Bureau Expenditures</b>	<b>861,209</b>	<b>1,729,490</b>	<b>3,219,615</b>	<b>4,292,841</b>	<b>4,396,011</b>	<b>4,396,011</b>
Debt Service	832,769	826,374	2,097,197	712,750	712,750	712,750
Contingency	0	0	2,585,849	314,418	314,418	314,418
Fund Transfers - Expense	1,251,718	0	0	0	0	0
<b>Total Fund Expenditures</b>	<b>2,084,487</b>	<b>826,374</b>	<b>4,683,046</b>	<b>1,027,168</b>	<b>1,027,168</b>	<b>1,027,168</b>
Ending Fund Balance	1,963,205	4,519,952	0	0	0	0
<b>Total Requirements</b>	<b>4,908,901</b>	<b>7,075,816</b>	<b>7,902,661</b>	<b>5,320,009</b>	<b>5,423,179</b>	<b>5,423,179</b>

## Fund Overview

This fund was created in 2016 by City Council via Ordinance 188175 to house and track financial activity associated with multi-family housing property operations.

**Managing Agency**      Portland Housing Bureau

## Significant Changes Over Prior Year

In FY 2019-20, expenses are lower primarily due to the payoff of the Series B Bonds and deferred developer fee for the Headwaters Apartments.

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Limited Tax Housing Revenue Bonds, 2005 Series A (Headwaters Apartments Project)</b>						
<b>4/18/2005 - Due 4/1</b>	10,480,000					
		2019/20	335,000	5.00%	377,750	712,750
		2020/21	350,000	5.00%	361,000	711,000
		2021/22	365,000	5.00%	343,500	708,500
		2022/23	380,000	5.00%	325,250	705,250
		2023/24	395,000	5.00%	306,250	701,250
		2024/25	415,000	5.00%	286,500	701,500
		2025/26	430,000	5.00%	265,750	695,750
		2026/27	450,000	5.00%	244,250	694,250
		2027/28	475,000	5.00%	221,750	696,750
		2028/29	495,000	5.00%	198,000	693,000
		2029/30	520,000	5.00%	173,250	693,250
		2030/31	545,000	5.00%	147,250	692,250
		2031/32	570,000	5.00%	120,000	690,000
		2032/33	595,000	5.00%	91,500	686,500
		2033/34	625,000	5.00%	61,750	686,750
		2034/35	610,000	5.00%	30,500	640,500
		<b>TOTAL</b>	<b>7,555,000</b>		<b>3,554,250</b>	<b>11,109,250</b>
<b>COMBINED DEBT SERVICE</b>						
	10,480,000					
		2019/20	335,000		377,750	712,750
		2020/21	350,000		361,000	711,000
		2021/22	365,000		343,500	708,500
		2022/23	380,000		325,250	705,250
		2023/24	395,000		306,250	701,250
		2024/25	415,000		286,500	701,500
		2025/26	430,000		265,750	695,750
		2026/27	450,000		244,250	694,250
		2027/28	475,000		221,750	696,750
		2028/29	495,000		198,000	693,000
		2029/30	520,000		173,250	693,250
		2030/31	545,000		147,250	692,250
		2031/32	570,000		120,000	690,000
		2032/33	595,000		91,500	686,500
		2033/34	625,000		61,750	686,750
		2034/35	610,000		30,500	640,500
<b>TOTAL FUND DEBT SERVICE</b>			<b>7,555,000</b>		<b>3,554,250</b>	<b>11,109,250</b>

# Inclusionary Housing Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	1,824,101	9,036,976	4,537,500	4,100,000	5,100,000	5,100,000
Charges for Services	0	1,488	3,400	70,000	469,435	469,435
Miscellaneous	4,201	98,859	65,500	54,000	231,413	231,413
<b>Total External Revenues</b>	<b>1,828,302</b>	<b>9,137,323</b>	<b>4,606,400</b>	<b>4,224,000</b>	<b>5,800,848</b>	<b>5,800,848</b>
Fund Transfers - Revenue	198,992	680,499	659,300	509,515	334,517	334,517
<b>Total Internal Revenues</b>	<b>198,992</b>	<b>680,499</b>	<b>659,300</b>	<b>509,515</b>	<b>334,517</b>	<b>334,517</b>
Beginning Fund Balance	0	1,847,976	1,377,000	5,462,500	5,307,182	5,307,182
<b>Total Resources</b>	<b>2,027,294</b>	<b>11,665,798</b>	<b>6,642,700</b>	<b>10,196,015</b>	<b>11,442,547</b>	<b>11,442,547</b>
<b>Requirements</b>						
Personnel Services	150,818	337,342	417,650	502,516	805,406	805,406
External Materials and Services	20,796	61,143	5,980,033	9,693,499	10,637,141	10,637,141
Internal Materials and Services	7,704	127,373	245,017	0	0	0
<b>Total Bureau Expenditures</b>	<b>179,318</b>	<b>525,858</b>	<b>6,642,700</b>	<b>10,196,015</b>	<b>11,442,547</b>	<b>11,442,547</b>
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	1,847,976	11,139,941	0	0	0	0
<b>Total Requirements</b>	<b>2,027,294</b>	<b>11,665,799</b>	<b>6,642,700</b>	<b>10,196,015</b>	<b>11,442,547</b>	<b>11,442,547</b>

## Fund Overview

City Council created this fund via ordinance 187855. Its purpose is twofold.

First, this fund tracks the receipts from the City's Construction Excise Tax (CET) that funds affordable housing initiatives. Per City Code Chapter 6.08, 4% of these receipts are retained by the Bureau of Development Services for administration. Of the remaining proceeds, 15% is remitted to the Oregon Department of Housing and Community Services, 50% remain in this fund for use on finance-based incentives for programs that require affordable housing, and 35% remain in this fund to support the production and preservation of affordable housing units at and below 60% Median Family Income.

Second, this fund tracks the revenues and expenditures associated with the Inclusionary Housing Program. These include indirect subsidies, fees paid by developers in lieu of participating in the program, and administration expenses.

**Managing Agency**      Portland Housing Bureau

## Significant Changes From Prior Year

The bureau saw healthy collections of CET revenue in FY 2017-18, and that trend continues in FY 2018-19. Collections in FY 19-20 should begin to drop as a reflection of softening construction activity. The increase in expenditures reflects the first affordable housing projects funded with CET.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	26,081,104	33,737,517	35,476,052	37,140,000	37,140,000	37,140,000
Bond & Note	8,017,000	0	0	0	0	0
Miscellaneous	204,486	332,568	400,000	553,000	553,000	553,000
<b>Total External Revenues</b>	<b>34,302,590</b>	<b>34,070,086</b>	<b>35,876,052</b>	<b>37,693,000</b>	<b>37,693,000</b>	<b>37,693,000</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	9,445,346	10,710,549	12,251,499	15,925,000	15,925,000	15,925,000
<b>Total Resources</b>	<b>43,747,936</b>	<b>44,780,635</b>	<b>48,127,551</b>	<b>53,618,000</b>	<b>53,618,000</b>	<b>53,618,000</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	33,037,387	31,985,018	33,606,203	47,906,652	47,906,652	47,906,652
Debt Service Reserves	0	0	14,521,348	5,711,348	5,711,348	5,711,348
<b>Total Fund Expenditures</b>	<b>33,037,387</b>	<b>31,985,018</b>	<b>48,127,551</b>	<b>53,618,000</b>	<b>53,618,000</b>	<b>53,618,000</b>
Ending Fund Balance	10,710,549	12,795,617	0	0	0	0
<b>Total Requirements</b>	<b>43,747,936</b>	<b>44,780,635</b>	<b>48,127,551</b>	<b>53,618,000</b>	<b>53,618,000</b>	<b>53,618,000</b>

## Fund Overview

The Interstate Corridor Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Interstate Corridor Urban Renewal Area. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

## Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

# Interstate Corridor Debt Service Fund

## Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Interstate Corridor Urban Renewal &amp; Redevelopment Bonds, 2011 Series A (Federally Taxable)</b>						
<b>08/11/2011 - Due 06/15</b>	28,890,000					
		2019/20	1,965,000	5.17%	923,146	2,888,146
		2020/21	2,065,000	5.32%	821,477	2,886,477
		2021/22	2,175,000	6.29%	711,537	2,886,537
		2022/23	2,315,000	6.29%	574,642	2,889,642
		2023/24	2,460,000	6.29%	428,936	2,888,936
		2024/25	2,615,000	6.29%	274,104	2,889,104
		2025/26	1,740,000	6.29%	109,516	1,849,516
		<b>TOTAL</b>	<b>15,335,000</b>		<b>3,843,358</b>	<b>19,178,358</b>
<b>Interstate Corridor Urban Renewal &amp; Redevelopment Bonds, 2011 Series B</b>						
<b>08/11/2011 - Due 06/15</b>	17,245,000					
		2019/20	0		849,338	849,338
		2020/21	0		849,338	849,338
		2021/22	0		849,338	849,338
		2022/23	0		849,338	849,338
		2023/24	0		849,338	849,338
		2024/25	0		849,338	849,338
		2025/26	1,040,000	4.50%	849,338	1,889,338
		2026/27	2,940,000	5.00%	802,538	3,742,538
		2027/28	3,085,000	4.75%	655,538	3,740,538
		2028/29	3,230,000	5.00%	509,000	3,739,000
		2029/30	3,390,000	5.00%	347,500	3,737,500
		2030/31	3,560,000	5.00%	178,000	3,738,000
		<b>TOTAL</b>	<b>17,245,000</b>		<b>8,437,938</b>	<b>25,682,938</b>
<b>Interstate Corridor Urban Renewal &amp; Redevelopment Refunding Bonds, Series 2015</b>						
<b>03/17/2015 - Due 06/15</b>	17,155,000					
		2019/20	1,630,000	5.00%	554,500	2,184,500
		2020/21	1,710,000	5.00%	473,000	2,183,000
		2021/22	1,800,000	5.00%	387,500	2,187,500
		2022/23	1,890,000	5.00%	297,500	2,187,500
		2023/24	1,980,000	5.00%	203,000	2,183,000
		2024/25	2,080,000	5.00%	104,000	2,184,000
		<b>TOTAL</b>	<b>11,090,000</b>		<b>2,019,500</b>	<b>13,109,500</b>
<b>Estimated - Du Jour and Line of Credit</b>						
	36,000,000					
		2019/20	36,000,000	variable	5,985,517	41,985,517
		<b>TOTAL</b>	<b>36,000,000</b>		<b>5,985,517</b>	<b>41,985,517</b>
<b>COMBINED DEBT SERVICE</b>						
	99,290,000					
		2019/20	39,595,000		8,312,501	47,907,501

**Debt Summary****Interstate Corridor Debt Service Fund**

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2020/21	3,775,000		2,143,815	5,918,815
		2021/22	3,975,000		1,948,374	5,923,374
		2022/23	4,205,000		1,721,480	5,926,480
		2023/24	4,440,000		1,481,274	5,921,274
		2024/25	4,695,000		1,227,441	5,922,441
		2025/26	2,780,000		958,853	3,738,853
		2026/27	2,940,000		802,538	3,742,538
		2027/28	3,085,000		655,538	3,740,538
		2028/29	3,230,000		509,000	3,739,000
		2029/30	3,390,000		347,500	3,737,500
		2030/31	3,560,000		178,000	3,738,000
<b>TOTAL FUND DEBT SERVICE</b>			<b>79,670,000</b>		<b>20,286,313</b>	<b>99,956,313</b>

# Lents Town Center URA Debt Redemption Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	14,258,746	16,089,410	17,706,603	18,211,844	18,211,844	18,211,844
Miscellaneous	103,805	163,299	190,000	305,000	305,000	305,000
<b>Total External Revenues</b>	<b>14,362,551</b>	<b>16,252,710</b>	<b>17,896,603</b>	<b>18,516,844</b>	<b>18,516,844</b>	<b>18,516,844</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	4,319,523	5,647,502	6,262,906	9,078,000	9,078,000	9,078,000
<b>Total Resources</b>	<b>18,682,074</b>	<b>21,900,212</b>	<b>24,159,509</b>	<b>27,594,844</b>	<b>27,594,844</b>	<b>27,594,844</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	13,034,572	15,276,297	15,871,917	24,562,252	24,562,252	24,562,252
Debt Service Reserves	0	0	8,287,592	3,032,592	3,032,592	3,032,592
<b>Total Fund Expenditures</b>	<b>13,034,572</b>	<b>15,276,297</b>	<b>24,159,509</b>	<b>27,594,844</b>	<b>27,594,844</b>	<b>27,594,844</b>
Ending Fund Balance	5,647,502	6,623,915	0	0	0	0
<b>Total Requirements</b>	<b>18,682,074</b>	<b>21,900,212</b>	<b>24,159,509</b>	<b>27,594,844</b>	<b>27,594,844</b>	<b>27,594,844</b>

## Fund Overview

The Lents Town Center URA Debt Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Lents Town Center Urban Renewal Area. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

**Managing Agency** Office of Management & Finance, Bureau of Revenue & Financial Services

## Debt Summary

## Lents Town Center URA Debt Redemption Fund

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Lents Urban Renewal and Redelopment Bonds, 2010 Series A (Federally Taxable)</b>						
<b>06/24/2010 - Due 6/15</b>	21,240,000					
		2019/20	1,690,000	5.78%	576,905	2,266,905
		2020/21	1,785,000	6.28%	479,155	2,264,155
		2021/22	1,900,000	6.28%	366,986	2,266,986
		2022/23	2,015,000	6.28%	247,590	2,262,590
		2023/24	1,925,000	6.28%	120,967	2,045,967
		<b>TOTAL</b>	<b>9,315,000</b>		<b>1,791,602</b>	<b>11,106,602</b>
<b>Lents Urban Renewal and Redelopment Bonds, 2010 Series B</b>						
<b>06/24/2010 - Due 6/15</b>	15,650,000					
		2019/20	0		765,588	765,588
		2020/21	0		765,588	765,588
		2021/22	0		765,588	765,588
		2022/23	0		765,588	765,588
		2023/24	220,000	4.25%	765,588	985,588
		2024/25	2,275,000	5.00%	756,238	3,031,238
		2025/26	2,390,000	4.80%	642,488	3,032,488
		2026/27	2,500,000	5.00%	527,738	3,027,738
		2027/28	2,625,000	4.86%	402,738	3,027,738
		2028/29	2,755,000	4.75%	275,113	3,030,113
		2029/30	2,885,000	5.00%	144,250	3,029,250
		<b>TOTAL</b>	<b>15,650,000</b>		<b>6,576,500</b>	<b>22,226,500</b>
<b>Lents Urban Renewal and Redelopment Bonds, 2020 Series A - proposed</b>						
<b>Date - TBD</b>	54,940,000					
		<b>TOTAL</b>	<b>-</b>		<b>-</b>	<b>-</b>
<b>Estimated - Du Jour and Line of Credit</b>						
	20,000,000					
		2019/20	20,000,000	variable	1,639,974	21,639,974
		<b>TOTAL</b>	<b>20,000,000</b>		<b>1,639,974</b>	<b>21,639,974</b>
<b>COMBINED DEBT SERVICE</b>						
	111,830,000					
		2019/20	21,690,000		2,982,466	24,672,466
		2020/21	1,785,000		1,244,743	3,029,743
		2021/22	1,900,000		1,132,573	3,032,573
		2022/23	2,015,000		1,013,177	3,028,177
		2023/24	2,145,000		886,555	3,031,555
		2024/25	2,275,000		756,238	3,031,238
		2025/26	2,390,000		642,488	3,032,488
		2026/27	2,500,000		527,738	3,027,738
		2027/28	2,625,000		402,738	3,027,738
		2028/29	2,755,000		275,113	3,030,113

# Lents Town Center URA Debt Redemption Fund

## Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2029/30	2,885,000		144,250	3,029,250
<b>TOTAL FUND DEBT SERVICE</b>			<b>44,965,000</b>		<b>10,008,076</b>	<b>54,973,076</b>

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	1,274,529	1,232,549	1,272,480	1,299,800	1,299,800	1,299,800
Bond & Note	4,015,596	815,833	23,353,836	13,060,500	13,060,500	13,060,500
Miscellaneous	475,587	1,490,258	840,930	632,000	632,000	632,000
<b>Total External Revenues</b>	<b>5,765,712</b>	<b>3,538,640</b>	<b>25,467,246</b>	<b>14,992,300</b>	<b>14,992,300</b>	<b>14,992,300</b>
Fund Transfers - Revenue	500,000	0	0	0	0	0
Interagency Revenue	4,313	147,661	0	0	0	0
<b>Total Internal Revenues</b>	<b>504,313</b>	<b>147,661</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	3,054,201	3,781,350	3,642,103	3,120,070	3,120,070	3,120,070
<b>Total Resources</b>	<b>9,324,226</b>	<b>7,467,651</b>	<b>29,109,349</b>	<b>18,112,370</b>	<b>18,112,370</b>	<b>18,112,370</b>
<b>Requirements</b>						
External Materials and Services	4,275	2,900	10,000	4,500	4,500	4,500
Internal Materials and Services	1,352,986	1,343,638	1,490,205	1,755,975	1,755,975	1,755,975
<b>Total Bureau Expenditures</b>	<b>1,357,261</b>	<b>1,346,538</b>	<b>1,500,205</b>	<b>1,760,475</b>	<b>1,760,475</b>	<b>1,760,475</b>
Debt Service	155,354	1,114,803	6,219,422	862,935	862,935	862,935
Contingency	0	0	3,388,541	2,611,216	2,611,216	2,611,216
Fund Transfers - Expense	4,030,261	1,626,096	18,001,181	12,877,744	12,877,744	12,877,744
<b>Total Fund Expenditures</b>	<b>4,185,615</b>	<b>2,740,899</b>	<b>27,609,144</b>	<b>16,351,895</b>	<b>16,351,895</b>	<b>16,351,895</b>
Ending Fund Balance	3,781,350	3,380,213	0	0	0	0
<b>Total Requirements</b>	<b>9,324,226</b>	<b>7,467,651</b>	<b>29,109,349</b>	<b>18,112,370</b>	<b>18,112,370</b>	<b>18,112,370</b>

## Fund Overview

The Local Improvement District (LID) Construction Fund accounts for the activities of the Assessments, Finance, and Foreclosure division of the Auditor's Office. The fund finances local infrastructure improvements. The division records assessments, including those for local improvements financed by the fund, sidewalk repairs, code enforcement violations, and system development charges for Portland Parks & Recreation, the Bureau of Environmental Services, the Water Bureau, and the Bureau of Transportation. The division provides property owners with a variety of financing mechanisms to pay off assessments.

**Managing Agency** Office of Management & Finance - Bureau of Revenue & Financial Services

## Significant Changes from Prior Year

The size of the LID Fund budget is primarily driven by the number of LID construction projects in process and under consideration at any one time. It was previously located in the Auditor's Office, but was transferred to the Office of Management and Finance in FY 2018-19. The Adopted Budget is decreased in FY 2019-20 with reduced financing of approved or planned LID projects.

# North Macadam URA Debt Redemption Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	13,508,802	19,787,149	18,271,859	18,701,812	18,701,812	18,701,812
Bond & Note	10,277,680	0	0	0	0	0
Miscellaneous	119,056	223,827	210,000	216,000	216,000	216,000
<b>Total External Revenues</b>	<b>23,905,538</b>	<b>20,010,976</b>	<b>18,481,859</b>	<b>18,917,812</b>	<b>18,917,812</b>	<b>18,917,812</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	5,755,894	7,302,736	6,843,392	5,387,000	5,387,000	5,387,000
<b>Total Resources</b>	<b>29,661,432</b>	<b>27,313,712</b>	<b>25,325,251</b>	<b>24,304,812</b>	<b>24,304,812</b>	<b>24,304,812</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	22,358,696	20,204,961	20,359,601	19,339,162	19,339,162	19,339,162
Debt Service Reserves	0	0	4,965,650	4,965,650	4,965,650	4,965,650
<b>Total Fund Expenditures</b>	<b>22,358,696</b>	<b>20,204,961</b>	<b>25,325,251</b>	<b>24,304,812</b>	<b>24,304,812</b>	<b>24,304,812</b>
Ending Fund Balance	7,302,736	7,108,751	0	0	0	0
<b>Total Requirements</b>	<b>29,661,432</b>	<b>27,313,712</b>	<b>25,325,251</b>	<b>24,304,812</b>	<b>24,304,812</b>	<b>24,304,812</b>

## Fund Overview

The North Macadam URA Debt Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the North Macadam Urban Renewal Area. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

**Managing Agency** Office of Management & Finance, Bureau of Revenue & Financial Services

## Debt Summary

## North Macadam URA Debt Redemption Fund

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Urban Renewal and Redevelopment Bonds, 2010 Series A</b>						
09/23/2010 - Due 06/15	29,645,000					
		2019/20	3,040,000	5.37%	387,166	3,427,166
		2020/21	3,205,000	5.57%	223,796	3,428,796
		2021/22	810,000	5.57%	45,149	855,149
		<b>TOTAL</b>	<b>7,055,000</b>		<b>656,111</b>	<b>7,711,111</b>
<b>Urban Renewal and Redevelopment Bonds, 2010 Series B</b>						
09/23/2010 - Due 06/15	35,280,000					
		2019/20	0		1,535,563	1,535,563
		2020/21	0		1,535,563	1,535,563
		2021/22	2,570,000	3.75%	1,535,563	4,105,563
		2022/23	3,525,000	3.75%	1,439,188	4,964,188
		2023/24	3,655,000	5.00%	1,307,000	4,962,000
		2024/25	3,840,000	4.00%	1,124,250	4,964,250
		2025/26	3,995,000	4.00%	970,650	4,965,650
		2026/27	4,150,000	4.00%	810,850	4,960,850
		2027/28	4,320,000	4.25%	644,850	4,964,850
		2028/29	4,500,000	5.00%	461,250	4,961,250
		2029/30	4,725,000	5.00%	236,250	4,961,250
		<b>TOTAL</b>	<b>35,280,000</b>		<b>11,600,975</b>	<b>46,880,975</b>
<b>Estimated - Du Jour and Line of Credit</b>						
	13,712,290					
		2019/20	13,712,290	variable	676,433	14,388,723
		<b>TOTAL</b>	<b>13,712,290</b>		<b>676,433</b>	<b>14,388,723</b>
<b>COMBINED DEBT SERVICE</b>						
	78,637,290					
		2019/20	16,752,290		2,599,161	19,351,451
		2020/21	3,205,000		1,759,359	4,964,359
		2021/22	3,380,000		1,580,712	4,960,712
		2022/23	3,525,000		1,439,188	4,964,188
		2023/24	3,655,000		1,307,000	4,962,000
		2024/25	3,840,000		1,124,250	4,964,250
		2025/26	3,995,000		970,650	4,965,650
		2026/27	4,150,000		810,850	4,960,850
		2027/28	4,320,000		644,850	4,964,850
		2028/29	4,500,000		461,250	4,961,250
		2029/30	4,725,000		236,250	4,961,250
<b>TOTAL FUND DEBT SERVICE</b>			<b>56,047,290</b>		<b>12,933,519</b>	<b>68,980,809</b>

# Parkrose NPI Debt Service Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	89,171	161,896	97,922	94,118	94,118	94,118
Miscellaneous	634	1,573	1,200	0	0	0
<b>Total External Revenues</b>	<b>89,805</b>	<b>163,469</b>	<b>99,122</b>	<b>94,118</b>	<b>94,118</b>	<b>94,118</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	6,837	9,042	0	0	0	0
<b>Total Resources</b>	<b>96,642</b>	<b>172,511</b>	<b>99,122</b>	<b>94,118</b>	<b>94,118</b>	<b>94,118</b>
<b>Requirements</b>						
External Materials and Services	87,600	170,400	99,122	94,118	94,118	94,118
<b>Total Bureau Expenditures</b>	<b>87,600</b>	<b>170,400</b>	<b>99,122</b>	<b>94,118</b>	<b>94,118</b>	<b>94,118</b>
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	9,042	2,110	0	0	0	0
<b>Total Requirements</b>	<b>96,642</b>	<b>172,510</b>	<b>99,122</b>	<b>94,118</b>	<b>94,118</b>	<b>94,118</b>

## Fund Overview

The Parkrose Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative (NPI). This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

**Managing Agency** Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	0	0	0	0	50,000,000	50,000,000
Bond & Note	0	0	297,790	0	2,253,075	2,253,075
<b>Total External Revenues</b>	<b>0</b>	<b>0</b>	<b>297,790</b>	<b>0</b>	<b>52,253,075</b>	<b>52,253,075</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	0	0	0	0	0	0
<b>Total Resources</b>	<b>0</b>	<b>0</b>	<b>297,790</b>	<b>0</b>	<b>52,253,075</b>	<b>52,253,075</b>
<b>Requirements</b>						
Personnel Services	0	0	191,790	0	1,228,615	1,228,615
External Materials and Services	0	0	79,424	0	825,000	825,000
Internal Materials and Services	0	0	26,576	0	199,460	199,460
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>297,790</b>	<b>0</b>	<b>2,253,075</b>	<b>2,253,075</b>
Contingency	0	0	0	0	10,000,000	10,000,000
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,000,000</b>	<b>10,000,000</b>
Ending Fund Balance	0	0	0	0	40,000,000	40,000,000
<b>Total Requirements</b>	<b>0</b>	<b>0</b>	<b>297,790</b>	<b>0</b>	<b>52,253,075</b>	<b>52,253,075</b>

## Fund Overview

The Portland Clean Energy Community Benefits Fund program is the result of a ballot initiative that was passed by Portland voters in November 2018. The Fund represents an estimated \$54.0 to \$71.0 million in new annual revenue for clean energy-related projects and jobs (e.g. weatherizing homes, installing solar, job and contractor training, expanding local food production and building green infrastructure). The revenue is raised by a new 1% business licensing surcharge on retail revenue generated in Portland by certain large retailers. The program will be designed and developed during FY 2019-20, with major granting and expenditure activities beginning in FY 2020-21.

**Managing Agency** Bureau of Planning & Sustainability

## Significant Changes from Prior Year

This fund was created in FY 2018-19; however, no significant revenues or expenditures were made.

# Property Management License Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Licenses & Permits	5,295,617	5,493,639	6,245,360	6,086,066	7,386,066	7,386,066
Miscellaneous	5,051	6,078	13,000	8,600	9,600	9,600
<b>Total External Revenues</b>	<b>5,300,668</b>	<b>5,499,717</b>	<b>6,258,360</b>	<b>6,094,666</b>	<b>7,395,666</b>	<b>7,395,666</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	14,567	40,166	83,654	40,095	40,095	40,095
<b>Total Resources</b>	<b>5,315,235</b>	<b>5,539,883</b>	<b>6,342,014</b>	<b>6,134,761</b>	<b>7,435,761</b>	<b>7,435,761</b>
<b>Requirements</b>						
External Materials and Services	5,207,674	5,355,489	6,214,713	6,024,519	7,249,519	7,249,519
Internal Materials and Services	42,395	75,740	82,301	85,242	161,242	161,242
<b>Total Bureau Expenditures</b>	<b>5,250,069</b>	<b>5,431,229</b>	<b>6,297,014</b>	<b>6,109,761</b>	<b>7,410,761</b>	<b>7,410,761</b>
Contingency	0	0	20,000	0	0	0
Fund Transfers - Expense	25,000	25,000	25,000	25,000	25,000	25,000
<b>Total Fund Expenditures</b>	<b>25,000</b>	<b>25,000</b>	<b>45,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>
Ending Fund Balance	40,166	83,654	0	0	0	0
<b>Total Requirements</b>	<b>5,315,235</b>	<b>5,539,883</b>	<b>6,342,014</b>	<b>6,134,761</b>	<b>7,435,761</b>	<b>7,435,761</b>

## Fund Overview

The Property Management License Fund receives revenue from the business property management license fee payable by property managers of properties within the two Enhanced Services Districts (Clean & Safe and Lloyd districts). This fee supports enhanced services within the two districts. The fund transfers payments to the Revenue Division within the Bureau of Revenue & Financial Services for reimbursement of a set level of program costs.

The purpose of the program is to keep the areas within the two districts vital and attractive to businesses, shoppers, visitors, and residents.

Clean & Safe, Inc., in accordance with a management agreement with the City of Portland, provides the following services:

- ◆ Enhanced security
- ◆ Sidewalk and graffiti cleaning
- ◆ Business recruitment, retention, and marketing services in the central business district

Go Lloyd, in accordance with their contract with the City, provides the following services:

- ◆ Transportation management
- ◆ District Attorney prosecution and crime prevention
- ◆ Holladay Street landscape maintenance
- ◆ Lloyd Eco District services

## Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	36,365,090	37,381,281	45,471,573	43,650,000	43,650,000	43,650,000
Miscellaneous	256,096	362,583	400,000	319,000	319,000	319,000
<b>Total External Revenues</b>	<b>36,621,186</b>	<b>37,743,864</b>	<b>45,871,573</b>	<b>43,969,000</b>	<b>43,969,000</b>	<b>43,969,000</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	10,322,824	11,802,740	8,484,543	18,600,000	18,600,000	18,600,000
<b>Total Resources</b>	<b>46,944,010</b>	<b>49,546,604</b>	<b>54,356,116</b>	<b>62,569,000</b>	<b>62,569,000</b>	<b>62,569,000</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	35,141,270	40,325,072	37,122,258	54,950,142	54,950,142	54,950,142
Debt Service Reserves	0	0	17,233,858	7,618,858	7,618,858	7,618,858
<b>Total Fund Expenditures</b>	<b>35,141,270</b>	<b>40,325,072</b>	<b>54,356,116</b>	<b>62,569,000</b>	<b>62,569,000</b>	<b>62,569,000</b>
Ending Fund Balance	11,802,740	9,221,532	0	0	0	0
<b>Total Requirements</b>	<b>46,944,010</b>	<b>49,546,604</b>	<b>54,356,116</b>	<b>62,569,000</b>	<b>62,569,000</b>	<b>62,569,000</b>

## Fund Overview

The River District URA Debt Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the River District Urban Renewal Area. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

### Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

# River District URA Debt Redemption Fund

## Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Urban Renewal &amp; Redevelopment Bonds, 2012 Series A (Taxable)</b>						
<b>07/10/2012 - Due 06/15</b>	24,250,000					
		2019/20	1,865,000	3.53%	502,482	2,367,482
		2020/21	1,930,000	3.73%	436,647	2,366,647
		2021/22	2,005,000	3.78%	364,658	2,369,658
		2022/23	2,080,000	3.98%	288,869	2,368,869
		2023/24	2,165,000	4.13%	206,085	2,371,085
		2024/25	2,255,000	4.28%	116,671	2,371,671
		2025/26	455,000	4.43%	20,157	475,157
		<b>TOTAL</b>	<b>12,755,000</b>		<b>1,935,568</b>	<b>14,690,568</b>
<b>Urban Renewal &amp; Redevelopment Bonds, 2012 Series B (Tax-Exempt Governmental)</b>						
<b>07/10/2012 - Due 06/15</b>	34,140,000					
		2019/20	3,625,000	5.00%	871,400	4,496,400
		2020/21	3,805,000	4.00%	690,150	4,495,150
		2021/22	3,960,000	5.00%	537,950	4,497,950
		2022/23	4,155,000	5.00%	339,950	4,494,950
		2023/24	0		132,200	132,200
		2024/25	0		132,200	132,200
		2025/26	0		132,200	132,200
		2026/27	0		132,200	132,200
		2027/28	0		132,200	132,200
		2028/29	0		132,200	132,200
		2029/30	0		132,200	132,200
		2030/31	175,000	4.00%	132,200	307,200
		2031/32	3,130,000	4.00%	125,200	3,255,200
		<b>TOTAL</b>	<b>18,850,000</b>		<b>3,622,250</b>	<b>22,472,250</b>
<b>Urban Renewal &amp; Redevelopment Bonds, 2012 Series C (Tax-Exempt Non-AMT Private Activity)</b>						
<b>07/10/2012 - Due 06/15</b>	15,275,000					
		2019/20	0	0.00%	751,250	751,250
		2020/21	0	0.00%	751,250	751,250
		2021/22	0	0.00%	751,250	751,250
		2022/23	0	0.00%	751,250	751,250
		2023/24	0	0.00%	751,250	751,250
		2024/25	0	0.00%	751,250	751,250
		2025/26	1,895,000	5.00%	751,250	2,646,250
		2026/27	2,465,000	4.49%	656,500	3,121,500
		2027/28	2,570,000	5.00%	545,750	3,115,750
		2028/29	2,700,000	5.00%	417,250	3,117,250
		2029/30	2,835,000	5.00%	282,250	3,117,250
		2030/31	2,810,000	5.00%	140,500	2,950,500
		<b>TOTAL</b>	<b>15,275,000</b>		<b>7,301,000</b>	<b>22,576,000</b>

## Debt Summary

## River District URA Debt Redemption Fund

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Estimated - Du Jour and Line of Credit</b>						
	38,000,000					
		2018/19	38,000,000	variable	9,335,010	47,335,010
		<b>TOTAL</b>	<b>38,000,000</b>		<b>9,335,010</b>	<b>47,335,010</b>
<b>COMBINED DEBT SERVICE</b>						
	111,665,000					
		2019/20	43,490,000		11,460,142	54,950,142
		2020/21	5,735,000		1,878,047	7,613,047
		2021/22	5,965,000		1,653,858	7,618,858
		2022/23	6,235,000		1,380,069	7,615,069
		2023/24	2,165,000		1,089,535	3,254,535
		2024/25	2,255,000		1,000,121	3,255,121
		2025/26	2,350,000		903,607	3,253,607
		2026/27	2,465,000		788,700	3,253,700
		2027/28	2,570,000		677,950	3,247,950
		2028/29	2,700,000		549,450	3,249,450
		2029/30	2,835,000		414,450	3,249,450
		2030/31	2,985,000		272,700	3,257,700
		2031/32	3,130,000		125,200	3,255,200
<b>TOTAL FUND DEBT SERVICE</b>			<b>84,880,000</b>		<b>22,193,828</b>	<b>107,073,828</b>

# Rosewood NPI Debt Service Fund

## Fund Summary

Community Development Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	130,236	99,858	102,479	93,965	93,965	93,965
Miscellaneous	842	960	1,150	0	0	0
<b>Total External Revenues</b>	<b>131,078</b>	<b>100,818</b>	<b>103,629</b>	<b>93,965</b>	<b>93,965</b>	<b>93,965</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	2,123	5,001	0	0	0	0
<b>Total Resources</b>	<b>133,201</b>	<b>105,819</b>	<b>103,629</b>	<b>93,965</b>	<b>93,965</b>	<b>93,965</b>
<b>Requirements</b>						
External Materials and Services	128,200	104,500	103,629	93,965	93,965	93,965
<b>Total Bureau Expenditures</b>	<b>128,200</b>	<b>104,500</b>	<b>103,629</b>	<b>93,965</b>	<b>93,965</b>	<b>93,965</b>
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	5,001	1,319	0	0	0	0
<b>Total Requirements</b>	<b>133,201</b>	<b>105,819</b>	<b>103,629</b>	<b>93,965</b>	<b>93,965</b>	<b>93,965</b>

## Fund Overview

The Rosewood Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

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**Managing Agency** Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	6,683,257	8,467,960	6,407,778	6,757,778	6,757,778	6,757,778
Miscellaneous	136,163	185,016	105,000	125,000	125,000	125,000
<b>Total External Revenues</b>	<b>6,819,420</b>	<b>8,652,976</b>	<b>6,512,778</b>	<b>6,882,778</b>	<b>6,882,778</b>	<b>6,882,778</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	9,861,515	8,501,560	9,640,000	4,488,952	4,488,952	4,488,952
<b>Total Resources</b>	<b>16,680,935</b>	<b>17,154,536</b>	<b>16,152,778</b>	<b>11,371,730</b>	<b>11,371,730</b>	<b>11,371,730</b>
<b>Requirements</b>						
External Materials and Services	1,000,000	0	0	2,000,000	2,000,000	2,000,000
<b>Total Bureau Expenditures</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>
Debt Service	7,179,375	7,181,093	10,495,322	7,179,500	7,179,500	7,179,500
Debt Service Reserves	0	0	5,657,456	2,192,230	2,192,230	2,192,230
<b>Total Fund Expenditures</b>	<b>7,179,375</b>	<b>7,181,093</b>	<b>16,152,778</b>	<b>9,371,730</b>	<b>9,371,730</b>	<b>9,371,730</b>
Ending Fund Balance	8,501,560	9,973,443	0	0	0	0
<b>Total Requirements</b>	<b>16,680,935</b>	<b>17,154,536</b>	<b>16,152,778</b>	<b>11,371,730</b>	<b>11,371,730</b>	<b>11,371,730</b>

## Fund Overview

The South Park Blocks Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the South Park Blocks Urban Renewal Area. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing and refinancing of improvements in this district. The final long-term bonds were issued for this district in July 2008 with the final debt service payment scheduled for June of 2024.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

### Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

# South Park Blocks Redemption Fund

## Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Urban Renewal &amp; Redevelopment and Refunding Bonds, 2019 Series A (Tax-Exempt)</b>						
<b>4/25/2019 - Due 06/15</b>	25,280,480					
		2019/20	6,465,466	2.48%	714,033	7,179,499
		2020/21	4,635,637	2.48%	466,612	5,102,249
		2021/22	4,750,601	2.48%	351,649	5,102,250
		2022/23	4,868,416	2.48%	233,834	5,102,250
		2023/24	4,560,360	2.48%	113,097	4,673,457
		<b>TOTAL</b>	<b>25,280,480</b>		<b>1,879,225</b>	<b>27,159,705</b>
<b>COMBINED DEBT SERVICE</b>						
	25,280,480					
		2019/20	6,465,466		714,033	7,179,499
		2020/21	4,635,637		466,612	5,102,249
		2021/22	4,750,601		351,649	5,102,250
		2022/23	4,868,416		233,834	5,102,250
		2023/24	4,560,360		113,097	4,673,457
<b>TOTAL FUND DEBT SERVICE</b>			<b>25,280,480</b>		<b>1,879,225</b>	<b>27,159,705</b>

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	924,550	834,829	854,566	738,923	750,923	750,923
Intergovernmental	46,115,841	38,067,245	77,456,707	51,115,748	48,354,780	48,772,357
Miscellaneous	5,840,596	6,912,543	5,232,142	1,532,299	3,836,950	3,836,950
<b>Total External Revenues</b>	<b>52,880,987</b>	<b>45,814,617</b>	<b>83,543,415</b>	<b>53,386,970</b>	<b>52,942,653</b>	<b>53,360,230</b>
Fund Transfers - Revenue	190,000	57,967	280,000	170,340	170,340	170,340
<b>Total Internal Revenues</b>	<b>190,000</b>	<b>57,967</b>	<b>280,000</b>	<b>170,340</b>	<b>170,340</b>	<b>170,340</b>
Beginning Fund Balance	19,732,864	22,030,909	8,743,035	8,138,688	1,382,211	1,382,211
<b>Total Resources</b>	<b>72,803,851</b>	<b>67,903,493</b>	<b>92,566,450</b>	<b>61,695,998</b>	<b>54,495,204</b>	<b>54,912,781</b>
<b>Requirements</b>						
Personnel Services	2,695,129	3,163,135	3,133,601	3,697,880	3,697,880	3,697,880
External Materials and Services	25,723,845	38,856,939	72,398,213	55,327,295	41,771,501	42,189,078
Internal Materials and Services	1,145,306	1,494,863	1,158,875	1,421,130	1,421,130	1,421,130
Capital Outlay	20,745,411	176,098	11,700,000	500,000	6,855,000	6,855,000
<b>Total Bureau Expenditures</b>	<b>50,309,691</b>	<b>43,691,035</b>	<b>88,390,689</b>	<b>60,946,305</b>	<b>53,745,511</b>	<b>54,163,088</b>
Contingency	0	0	164,373	0	0	0
Fund Transfers - Expense	463,251	343,948	4,011,388	749,693	749,693	749,693
<b>Total Fund Expenditures</b>	<b>463,251</b>	<b>343,948</b>	<b>4,175,761</b>	<b>749,693</b>	<b>749,693</b>	<b>749,693</b>
Ending Fund Balance	22,030,909	23,868,510	0	0	0	0
<b>Total Requirements</b>	<b>72,803,851</b>	<b>67,903,493</b>	<b>92,566,450</b>	<b>61,695,998</b>	<b>54,495,204</b>	<b>54,912,781</b>

## Fund Overview

### Structure

The Tax Increment Financing (TIF) Reimbursement Fund accounts for the reimbursement of housing-related costs that are funded from tax increment proceeds in the various Prosper Portland (formerly known as the Portland Development Commission) urban renewal areas. Eligible costs are incurred by the Portland Housing Bureau for each individual urban renewal area (URA) and then reimbursed by Prosper Portland.

Sub-funds exist for each URA, as well as for each property asset that generates income. Activity is booked directly to the sub-funds and includes personnel services, loan disbursements, subrecipient contract payments, and indirect costs, as well as loan receivables and repayment program income. TIF affordable housing program income is netted from TIF reimbursements from Prosper Portland.

### Carryover

Appropriations remaining at the end of the fiscal year are carried over in the Fall Supplemental Budget Process of the following fiscal year. The supplemental budget includes obligated carryover, appropriation for projects that have been authorized and budgeted in the prior year, and carryover appropriation for expanded projects or new requests.

### Managing Agency

Portland Housing Bureau

**Significant Changes from Prior Year**

PHB has adjusted its forecast to align with staff and provider capacity, anticipating that resources will extend slightly further into the future. There will still be a significant decline in available funding over the next five years as URAs expire or reach maximum indebtedness and changes with project and construction timing continue.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	8,727,599	9,872,451	8,538,793	8,688,793	8,688,793	8,688,793
Miscellaneous	136,973	190,361	75,000	125,000	125,000	125,000
<b>Total External Revenues</b>	<b>8,864,572</b>	<b>10,062,812</b>	<b>8,613,793</b>	<b>8,813,793</b>	<b>8,813,793</b>	<b>8,813,793</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	8,851,323	8,222,353	8,420,000	7,828,635	7,828,635	7,828,635
<b>Total Resources</b>	<b>17,715,895</b>	<b>18,285,165</b>	<b>17,033,793</b>	<b>16,642,428</b>	<b>16,642,428</b>	<b>16,642,428</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	9,493,542	9,492,539	9,487,935	9,491,925	9,491,925	9,491,925
Debt Service Reserves	0	0	7,545,858	7,150,503	7,150,503	7,150,503
<b>Total Fund Expenditures</b>	<b>9,493,542</b>	<b>9,492,539</b>	<b>17,033,793</b>	<b>16,642,428</b>	<b>16,642,428</b>	<b>16,642,428</b>
Ending Fund Balance	8,222,353	8,792,626	0	0	0	0
<b>Total Requirements</b>	<b>17,715,895</b>	<b>18,285,165</b>	<b>17,033,793</b>	<b>16,642,428</b>	<b>16,642,428</b>	<b>16,642,428</b>

## Fund Overview

The Waterfront Renewal Bond Sinking Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Downtown Waterfront Urban Renewal Area. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district. The final long-term bonds were issued for this district in April of 2008 and the final debt service payment is scheduled for June of 2024.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

### Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

# Waterfront Renewal Bond Sinking Fund

## Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Urban Renewal &amp; Redevelopment Bonds, 2008 Series A</b>						
<b>04/22/08 - Due 6/15</b>	50,165,000					
		2019/20	2,680,000	6.30%	1,699,425	4,379,425
		2020/21	5,415,000	6.30%	1,530,585	6,945,585
		2021/22	5,760,000	6.30%	1,189,440	6,949,440
		2022/23	6,120,000	6.30%	826,560	6,946,560
		2023/24	7,000,000	6.30%	441,000	7,441,000
		<b>TOTAL</b>	<b>26,975,000</b>		<b>5,687,010</b>	<b>32,662,010</b>
<b>Urban Renewal &amp; Redevelopment Refunding Bonds, 2011 Series A</b>						
<b>7/6/2011 - Due 6/15</b>	30,370,000					
		2019/20	4,880,000	4.76%	232,500	5,112,500
		<b>TOTAL</b>	<b>4,880,000</b>		<b>232,500</b>	<b>5,112,500</b>
<b>COMBINED DEBT SERVICE</b>						
	80,535,000					
		2019/20	7,560,000		1,931,925	9,491,925
		2020/21	5,415,000		1,530,585	6,945,585
		2021/22	5,760,000		1,189,440	6,949,440
		2022/23	6,120,000		826,560	6,946,560
		2023/24	7,000,000		441,000	7,441,000
<b>TOTAL FUND DEBT SERVICE</b>			<b>31,855,000</b>		<b>5,919,510</b>	<b>37,774,510</b>

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	10,045	23,071	0	0	0	0
<b>Total External Revenues</b>	<b>10,045</b>	<b>23,071</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Fund Transfers - Revenue	1,956,730	1,978,101	1,737,985	1,743,750	1,743,750	1,743,750
<b>Total Internal Revenues</b>	<b>1,956,730</b>	<b>1,978,101</b>	<b>1,737,985</b>	<b>1,743,750</b>	<b>1,743,750</b>	<b>1,743,750</b>
Beginning Fund Balance	1,676,017	1,676,062	1,676,062	1,673,047	1,673,047	1,673,047
<b>Total Resources</b>	<b>3,642,792</b>	<b>3,677,234</b>	<b>3,414,047</b>	<b>3,416,797</b>	<b>3,416,797</b>	<b>3,416,797</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	1,966,730	1,978,101	1,741,000	1,743,750	1,743,750	1,743,750
Debt Service Reserves	0	0	1,673,047	1,673,047	1,673,047	1,673,047
<b>Total Fund Expenditures</b>	<b>1,966,730</b>	<b>1,978,101</b>	<b>3,414,047</b>	<b>3,416,797</b>	<b>3,416,797</b>	<b>3,416,797</b>
Ending Fund Balance	1,676,062	1,699,133	0	0	0	0
<b>Total Requirements</b>	<b>3,642,792</b>	<b>3,677,234</b>	<b>3,414,047</b>	<b>3,416,797</b>	<b>3,416,797</b>	<b>3,416,797</b>

## Fund Overview

The Gas Tax Bond Redemption Fund is used to achieve a proper matching of revenues and expenditures related to the debt financing of Portland Bureau of Transportation projects. Resources are from gas tax revenues, which consist of the City's share of the state and county collections.

**Managing Agency**      Portland Bureau of Transportation

# Gas Tax Bond Redemption Fund

## Debt Summary

Transportation and Parking Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Gas Tax Revenue Bonds, 2011 Series A</b>						
11/22/2011 - Due 2/1	15,400,000					
		2019/20	1,520,000	5.00%	223,750	1,743,750
		2020/21	1,595,000	3.00%	147,750	1,742,750
		2021/22	1,640,000	3.00%	99,900	1,739,900
		2022/23	1,690,000	3.00%	50,700	1,740,700
		<b>TOTAL</b>	<b>6,445,000</b>		<b>522,100</b>	<b>6,967,100</b>
<b>COMBINED DEBT SERVICE</b>						
	15,400,000					
		2019/20	1,520,000		223,750	1,743,750
		2020/21	1,595,000		147,750	1,742,750
		2021/22	1,640,000		99,900	1,739,900
		2022/23	1,690,000		50,700	1,740,700
<b>TOTAL FUND DEBT SERVICE</b>			<b>6,445,000</b>		<b>522,100</b>	<b>6,967,100</b>

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	13,426,775	13,543,480	13,166,126	13,954,330	13,954,330	13,954,330
Miscellaneous	164,162	244,952	100,000	100,000	100,000	100,000
<b>Total External Revenues</b>	<b>13,590,937</b>	<b>13,788,432</b>	<b>13,266,126</b>	<b>14,054,330</b>	<b>14,054,330</b>	<b>14,054,330</b>
Fund Transfers - Revenue	0	250,000	0	0	0	0
Interagency Revenue	952,916	1,003,817	1,061,878	1,095,281	1,095,281	1,095,281
<b>Total Internal Revenues</b>	<b>952,916</b>	<b>1,253,817</b>	<b>1,061,878</b>	<b>1,095,281</b>	<b>1,095,281</b>	<b>1,095,281</b>
Beginning Fund Balance	12,643,844	14,128,811	11,463,597	3,822,792	3,822,792	3,822,792
<b>Total Resources</b>	<b>27,187,697</b>	<b>29,171,059</b>	<b>25,791,601</b>	<b>18,972,403</b>	<b>18,972,403</b>	<b>18,972,403</b>
<b>Requirements</b>						
Personnel Services	380,071	438,539	475,952	835,600	835,600	835,600
External Materials and Services	5,345,349	5,357,724	5,231,292	6,779,116	6,779,116	6,779,116
Internal Materials and Services	2,782,502	2,652,540	3,380,775	5,032,913	5,032,913	5,032,913
Capital Outlay	0	1,614,434	13,158,416	2,500,000	2,500,000	2,500,000
<b>Total Bureau Expenditures</b>	<b>8,507,922</b>	<b>10,063,237</b>	<b>22,246,435</b>	<b>15,147,629</b>	<b>15,147,629</b>	<b>15,147,629</b>
Debt Service	1,876,000	1,876,200	1,879,200	1,768,061	1,768,061	1,768,061
Contingency	0	0	1,151,709	1,532,205	1,532,205	1,532,205
Fund Transfers - Expense	2,674,964	476,725	514,257	524,508	524,508	524,508
<b>Total Fund Expenditures</b>	<b>4,550,964</b>	<b>2,352,925</b>	<b>3,545,166</b>	<b>3,824,774</b>	<b>3,824,774</b>	<b>3,824,774</b>
Ending Fund Balance	14,128,811	16,754,895	0	0	0	0
<b>Total Requirements</b>	<b>27,187,697</b>	<b>29,171,057</b>	<b>25,791,601</b>	<b>18,972,403</b>	<b>18,972,403</b>	<b>18,972,403</b>

## Fund Overview

The Parking Facilities Fund supports the operations and maintenance of the six City-owned parking garages in the SmartPark garage system. The mission of the fund is to support the economic viability of the Central City by a) providing an affordable system of parking garages which primarily meets the short-term needs of shoppers, visitors, and business clients, and b) by investing in the transportation system. The garage facilities house approximately 3,800 parking spaces and about 71,800 square feet of commercial space. The parking garage facilities are located in downtown Portland at SW First and Jefferson, SW Third and Alder, SW Fourth and Yamhill, SW Tenth and Yamhill, NW Naito and Davis, and O'Bryant Square. Due to structural issues at O'Bryant Square, it is no longer open to the public.

If funds are available, the Parking Facilities Fund makes a transfer to the Transportation Operating Fund for operating support. In FY 2019-20, these resources are needed to fund the SW Tenth and Yamhill capital project and to cover a significant increase in major maintenance work due to a backlog of deferred maintenance. Therefore, there is no transfer budgeted in FY 2019-20.

**Managing Agency** Portland Bureau of Transportation (PBOT)

## Significant Changes from Prior Year

PBOT is catching up on deferred major maintenance in the parking garages over the next five years.

## Parking Facilities Fund

## Debt Summary

Transportation and Parking Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Limited Tax Revenue Refunding Bonds, 2019 Series B (Central City Streetcar)</b>						
<b>01/30/2019- Due 02/01</b>	21,450,000					
		2019/20	1,385,000	5.00%	383,061	1,768,061
		2020/21	1,445,000	5.00%	312,750	1,757,750
		2021/22	1,530,000	5.00%	240,500	1,770,500
		2022/23	1,600,000	5.00%	164,000	1,764,000
		2023/24	1,680,000	5.00%	84,000	1,764,000
<b>TOTAL FUND DEBT SERVICE</b>			<b>7,640,000</b>		<b>1,184,311</b>	<b>8,824,311</b>

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	9,787,463	20,886,760	17,800,000	21,400,000	21,400,000	21,400,000
Licenses & Permits	11,491,538	20,001,016	11,460,000	15,672,000	15,672,000	15,672,000
Charges for Services	83,672,293	84,483,055	83,346,576	78,280,785	78,280,785	78,280,785
Intergovernmental	72,509,930	80,085,752	96,391,520	94,111,771	94,111,771	94,111,771
Bond & Note	59,714,761	8,000,000	20,395,606	10,502,526	22,002,526	22,002,526
Miscellaneous	7,365,494	7,676,527	1,998,430	4,126,430	4,126,430	4,126,430
<b>Total External Revenues</b>	<b>244,541,479</b>	<b>221,133,110</b>	<b>231,392,132</b>	<b>224,093,512</b>	<b>235,593,512</b>	<b>235,593,512</b>
Fund Transfers - Revenue	24,493,698	25,089,297	35,034,750	26,955,313	26,955,313	26,955,313
Interagency Revenue	26,437,990	26,518,701	31,994,844	33,182,378	33,182,378	33,182,378
<b>Total Internal Revenues</b>	<b>50,931,688</b>	<b>51,607,998</b>	<b>67,029,594</b>	<b>60,137,691</b>	<b>60,137,691</b>	<b>60,137,691</b>
Beginning Fund Balance	109,773,443	165,202,119	196,170,276	209,422,946	197,922,946	197,922,946
<b>Total Resources</b>	<b>405,246,610</b>	<b>437,943,227</b>	<b>494,592,002</b>	<b>493,654,149</b>	<b>493,654,149</b>	<b>493,654,149</b>
<b>Requirements</b>						
Personnel Services	79,776,297	87,240,286	114,611,323	118,763,342	118,763,342	119,682,513
External Materials and Services	58,468,467	56,854,309	86,224,676	66,481,988	66,481,988	66,594,188
Internal Materials and Services	24,426,764	30,820,723	29,565,135	30,571,623	30,571,623	30,621,623
Capital Outlay	13,179,795	10,771,756	95,731,277	125,325,768	125,325,768	125,325,768
<b>Total Bureau Expenditures</b>	<b>175,851,323</b>	<b>185,687,074</b>	<b>326,132,411</b>	<b>341,142,721</b>	<b>341,142,721</b>	<b>342,224,092</b>
Debt Service	54,045,810	25,270,240	27,453,571	17,265,422	17,265,422	17,265,422
Contingency	0	0	130,587,004	121,930,859	121,930,859	120,849,488
Fund Transfers - Expense	10,147,358	10,314,410	10,419,016	13,315,147	13,315,147	13,315,147
<b>Total Fund Expenditures</b>	<b>64,193,168</b>	<b>35,584,650</b>	<b>168,459,591</b>	<b>152,511,428</b>	<b>152,511,428</b>	<b>151,430,057</b>
Ending Fund Balance	165,202,119	216,671,503	0	0	0	0
<b>Total Requirements</b>	<b>405,246,610</b>	<b>437,943,227</b>	<b>494,592,002</b>	<b>493,654,149</b>	<b>493,654,149</b>	<b>493,654,149</b>

## Fund Overview

The Transportation Operating Fund accounts for all revenues and expenditures related to transportation operations, maintenance, capital improvements, and administration and support for the Portland Bureau of Transportation.

External revenues include gas taxes; parking fees and fines; intergovernmental revenues from federal, state, and local sources; and cost recovery revenues (service charges, licenses, and permits). Internal revenues include reimbursement for services from other City funds and operations. The largest reimbursements are from the Bureau of Environmental Services for maintenance of the sewer system, the General Fund for streetlights, and the Local Improvement District Fund for work associated with local improvement districts.

It should be noted that PBOT performs an annual review and update of transportation service charges and fees. Each year, Council approves PBOT fees through an ordinance in May for the next fiscal year.

**Managing Agency**      Portland Bureau of Transportation

**Significant Changes from Prior Year**

The 2017 Oregon legislature passed House Bill 2017 (HB 2017), provided significant transportation funding through a series of increases to the motor vehicle fuels tax, weight-mile tax and DMV fees. The legislation is projected to increase funding in FY 2019-20 by \$19.2 million and up to \$35.5 million by FY 2026-27.

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Limited Tax Revenue Bonds, 2012 Series C (Portland Milwaukie Light Rail Project)</b>						
<b>09/20/2012 - Due 9/1</b>	36,160,000					
		2019/20	1,585,000	4.00%	923,600	2,508,600
		2020/21	1,645,000	4.00%	859,000	2,504,000
		2021/22	1,725,000	5.00%	782,975	2,507,975
		2022/23	1,810,000	5.00%	694,600	2,504,600
		2023/24	1,885,000	3.00%	621,075	2,506,075
		2024/25	1,940,000	3.00%	563,700	2,503,700
		2025/26	2,000,000	3.00%	504,600	2,504,600
		2026/27	2,060,000	3.00%	443,700	2,503,700
		2027/28	2,125,000	3.00%	380,925	2,505,925
		2028/29	2,190,000	3.00%	316,200	2,506,200
		2029/30	2,255,000	3.00%	249,525	2,504,525
		2030/31	2,325,000	3.00%	180,825	2,505,825
		2031/32	2,395,000	3.00%	110,025	2,505,025
		2032/33	2,470,000	3.00%	37,050	2,507,050
		<b>TOTAL</b>	<b>28,410,000</b>		<b>6,667,800</b>	<b>35,077,800</b>
<b>Limited Tax Revenue Bonds, 2014 Series A (Sellwood Bridge)</b>						
<b>06/17/2014 - Due 6/1</b>	44,215,000					
		2019/20	1,715,000	5.00%	1,683,950	3,398,950
		2020/21	1,800,000	5.00%	1,598,200	3,398,200
		2021/22	1,890,000	5.00%	1,508,200	3,398,200
		2022/23	1,985,000	5.00%	1,413,700	3,398,700
		2023/24	2,085,000	5.00%	1,314,450	3,399,450
		2024/25	2,190,000	5.00%	1,210,200	3,400,200
		2025/26	2,300,000	5.00%	1,100,700	3,400,700
		2026/27	2,415,000	5.00%	985,700	3,400,700
		2027/28	2,535,000	5.00%	864,950	3,399,950
		2028/29	2,660,000	5.00%	738,200	3,398,200
		2029/30	2,795,000	4.00%	605,200	3,400,200
		2030/31	2,905,000	4.00%	493,400	3,398,400
		2031/32	3,020,000	4.00%	377,200	3,397,200
		2032/33	3,140,000	4.00%	256,400	3,396,400
		2033/34	3,270,000	4.00%	130,800	3,400,800
		<b>TOTAL</b>	<b>36,705,000</b>		<b>14,281,250</b>	<b>50,986,250</b>
<b>Limited Tax Revenue Bonds, 2016 Series A (Green Bonds - Lighting Efficiency Project)</b>						
<b>11/29/2016 - Due 4/1</b>	16,220,000					
		2019/20	1,445,000	5.00%	588,750	2,033,750
		2020/21	1,520,000	5.00%	516,500	2,036,500
		2021/22	1,595,000	5.00%	440,500	2,035,500
		2022/23	1,675,000	5.00%	360,750	2,035,750

# Transportation Operating Fund

## Debt Summary

Transportation and Parking Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2023/24	1,755,000	5.00%	277,000	2,032,000
		2024/25	1,845,000	5.00%	189,250	2,034,250
		2025/26	1,940,000	5.00%	97,000	2,037,000
		<b>TOTAL</b>	<b>11,775,000</b>		<b>2,469,750</b>	<b>14,244,750</b>
<b>Limited Tax Revenue and Refunding Bonds, 2017 Series A (Sellwood Bridge Project)</b>						
<b>06/15/2017 - Due 4/1</b>	29,165,000					
		2019/20	1,080,000	4.00%	1,257,950	2,337,950
		2020/21	1,120,000	5.00%	1,214,750	2,334,750
		2021/22	1,180,000	5.00%	1,158,750	2,338,750
		2022/23	1,235,000	5.00%	1,099,750	2,334,750
		2023/24	1,300,000	5.00%	1,038,000	2,338,000
		2024/25	1,365,000	5.00%	973,000	2,338,000
		2025/26	1,430,000	5.00%	904,750	2,334,750
		2026/27	1,505,000	5.00%	833,250	2,338,250
		2027/28	1,580,000	4.00%	758,000	2,338,000
		2028/29	1,640,000	4.00%	694,800	2,334,800
		2029/30	1,710,000	4.00%	629,200	2,339,200
		2030/31	1,775,000	4.00%	560,800	2,335,800
		2031/32	1,845,000	4.00%	489,800	2,334,800
		2032/33	1,920,000	4.00%	416,000	2,336,000
		2033/34	2,000,000	4.00%	339,200	2,339,200
		2034/35	2,075,000	4.00%	259,200	2,334,200
		2035/36	2,160,000	4.00%	176,200	2,336,200
		2036/37	2,245,000	4.00%	89,800	2,334,800
		<b>TOTAL</b>	<b>29,165,000</b>		<b>12,893,200</b>	<b>42,058,200</b>
<b>State Loan Guarantee (Solo Power)</b>						
	5,000,000					
		2019/20	1,428,000		0	1,428,000
		2020/21	359,000		0	359,000
		<b>TOTAL</b>	<b>1,787,000</b>		<b>0</b>	<b>1,787,000</b>
<b>COMBINED DEBT SERVICE</b>						
	130,760,000					
		2019/20	7,253,000		4,454,250	11,707,250
		2020/21	6,444,000		4,188,450	10,632,450
		2021/22	6,390,000		3,890,425	10,280,425
		2022/23	6,705,000		3,568,800	10,273,800
		2023/24	7,025,000		3,250,525	10,275,525
		2024/25	7,340,000		2,936,150	10,276,150
		2025/26	7,670,000		2,607,050	10,277,050
		2026/27	5,980,000		2,262,650	8,242,650
		2027/28	6,240,000		2,003,875	8,243,875

**Debt Summary****Transportation Operating Fund**

Transportation and Parking Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2028/29	6,490,000		1,749,200	8,239,200
		2029/30	6,760,000		1,483,925	8,243,925
		2030/31	7,005,000		1,235,025	8,240,025
		2031/32	7,260,000		977,025	8,237,025
		2032/33	7,530,000		709,450	8,239,450
		2033/34	5,270,000		470,000	5,740,000
		2034/35	2,075,000		259,200	2,334,200
		2035/36	2,160,000		176,200	2,336,200
		2036/37	2,245,000		89,800	2,334,800
<b>TOTAL FUND DEBT SERVICE</b>			<b>107,842,000</b>		<b>36,312,000</b>	<b>144,154,000</b>

# Transportation Reserve Fund

## Fund Summary

Transportation and Parking Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	59,640	85,504	60,000	60,000	60,000	60,000
<b>Total External Revenues</b>	<b>59,640</b>	<b>85,504</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>
Fund Transfers - Revenue	700,000	700,000	700,000	700,000	700,000	700,000
<b>Total Internal Revenues</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>
Beginning Fund Balance	5,186,886	5,946,526	6,706,526	7,466,526	7,466,526	7,466,526
<b>Total Resources</b>	<b>5,946,526</b>	<b>6,732,030</b>	<b>7,466,526</b>	<b>8,226,526</b>	<b>8,226,526</b>	<b>8,226,526</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Contingency	0	0	7,466,526	8,226,526	8,226,526	8,226,526
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>7,466,526</b>	<b>8,226,526</b>	<b>8,226,526</b>	<b>8,226,526</b>
Ending Fund Balance	5,946,526	6,732,030	0	0	0	0
<b>Total Requirements</b>	<b>5,946,526</b>	<b>6,732,030</b>	<b>7,466,526</b>	<b>8,226,526</b>	<b>8,226,526</b>	<b>8,226,526</b>

## Fund Overview

The Transportation Reserve Fund was created in FY 1992-93 in accordance with the transportation reserve policy. The policy designates two types of reserves:

- ◆ Countercyclical reserves to maintain current service level programs or to buffer the impact of major revenue interruptions, such as those caused by an economic recession. Policy sets this reserve amount at five percent of the Portland Bureau of Transportation's gas tax and on-street parking revenues in the Adopted Budget, and
- ◆ Emergency reserves to fund major one-time, unexpected requirements, such as those related to a structural failure or road emergency associated with a natural disaster or event. Policy sets this reserve amount at five percent of the Portland Bureau of Transportation's gas tax and on-street parking revenues in the Adopted Budget.

**Managing Agency** Portland Bureau of Transportation

## Significant Changes from Prior Year

Current reserves are not at the levels required by policy. Based on the forecast for gas tax and on-street parking revenues for FY 2019-20, the target for the reserve is \$13.8 million. The fund will receive \$700,000 from the Transportation Operating Fund in FY 2019-20. In future years, this amount will be transferred annually until the policy requirements are met.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	14,439,050	14,152,546	17,030,977	14,345,727	14,345,727	14,345,727
Bond & Note	0	9,655,686	0	0	0	0
Miscellaneous	77,660	105,877	20,000	20,000	20,000	20,000
<b>Total External Revenues</b>	<b>14,516,710</b>	<b>23,914,109</b>	<b>17,050,977</b>	<b>14,365,727</b>	<b>14,365,727</b>	<b>14,365,727</b>
Fund Transfers - Revenue	0	160	0	0	0	0
<b>Total Internal Revenues</b>	<b>0</b>	<b>160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	565,328	810,878	200,000	1,100,000	1,100,000	1,100,000
<b>Total Resources</b>	<b>15,082,038</b>	<b>24,725,147</b>	<b>17,250,977</b>	<b>15,465,727</b>	<b>15,465,727</b>	<b>15,465,727</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	14,271,160	23,911,214	17,050,977	15,265,727	15,265,727	15,265,727
<b>Total Fund Expenditures</b>	<b>14,271,160</b>	<b>23,911,214</b>	<b>17,050,977</b>	<b>15,265,727</b>	<b>15,265,727</b>	<b>15,265,727</b>
Ending Fund Balance	810,878	813,933	200,000	200,000	200,000	200,000
<b>Total Requirements</b>	<b>15,082,038</b>	<b>24,725,147</b>	<b>17,250,977</b>	<b>15,465,727</b>	<b>15,465,727</b>	<b>15,465,727</b>

## Fund Overview

This fund is used to achieve a proper matching of revenues and expenditures related to the financing and refinancing of general obligation bonds authorized by voters for the renovation of the City's park system, Portland fire station infrastructure, public safety improvements, and affordable housing.

Principal and interest on these bonds are paid from property taxes. The City is obligated to levy an annual ad valorem tax, without limitation to rate or amount, upon all property within the city sufficient to service the debt.

**Managing Agency** Office of Management & Finance, Bureau of Revenue & Financial Services

## Significant Changes from Prior Year

Additional levy collections and corresponding debt service payments in FY 2019-20 result from the second issue of general obligation bonds for affordable housing projects, which were approved by voters in November 2016 under Ballot Measure 26-179. Management responsibility for this fund is transferred to the Office of Management and Finance effective July 1, 2019.

# Bonded Debt Interest and Sinking Fund

## Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>General Obligation Bonds, 2014 Series A (Public Safety Projects and Emergency Facilities Refunding)</b>						
<b>03/27/2014 - Due 6/15</b>	29,795,000					
		2019/20	2,120,000	5.00%	803,450	2,923,450
		2020/21	2,230,000	5.00%	697,450	2,927,450
		2021/22	2,345,000	3.00%	585,950	2,930,950
		2022/23	2,410,000	5.00%	515,600	2,925,600
		2023/24	2,550,000	5.00%	395,100	2,945,100
		2024/25	1,740,000	2.50%	267,600	2,007,600
		2025/26	1,785,000	3.00%	224,100	2,009,100
		2026/27	1,840,000	3.00%	170,550	2,010,550
		2027/28	1,895,000	3.00%	115,350	2,010,350
		2028/29	1,950,000	3.00%	58,500	2,008,500
		<b>TOTAL</b>	<b>20,865,000</b>		<b>3,833,650</b>	<b>24,698,650</b>
<b>General Obligation Public Safety Bonds, 2015 Series A</b>						
<b>06/02/2015 - Due 6/15</b>	17,145,000					
		2019/20	1,055,000	5.00%	536,200	1,591,200
		2020/21	1,110,000	5.00%	483,450	1,593,450
		2021/22	1,165,000	5.00%	427,950	1,592,950
		2022/23	1,220,000	5.00%	369,700	1,589,700
		2023/24	1,280,000	5.00%	308,700	1,588,700
		2024/25	1,345,000	5.00%	244,700	1,589,700
		2025/26	1,415,000	3.00%	177,450	1,592,450
		2026/27	1,455,000	3.00%	135,000	1,590,000
		2027/28	1,500,000	3.00%	91,350	1,591,350
		2028/29	1,545,000	3.00%	46,350	1,591,350
		<b>TOTAL</b>	<b>13,090,000</b>		<b>2,820,850</b>	<b>15,910,850</b>
<b>General Obligation Parks Bonds, 2015 Series C</b>						
<b>07/30/2015 - Due 6/15</b>	23,850,000					
		2019/20	1,480,000	2.00%	625,500	2,105,500
		2020/21	1,510,000	5.00%	595,900	2,105,900
		2021/22	1,585,000	5.00%	520,400	2,105,400
		2022/23	1,665,000	5.00%	441,150	2,106,150
		2023/24	1,750,000	5.00%	357,900	2,107,900
		2024/25	1,835,000	5.00%	270,400	2,105,400
		2025/26	1,925,000	3.00%	178,650	2,103,650
		2026/27	1,985,000	3.00%	120,900	2,105,900
		2027/28	2,045,000	3.00%	61,350	2,106,350
		<b>TOTAL</b>	<b>15,780,000</b>		<b>3,172,150</b>	<b>18,952,150</b>
<b>General Obligation Housing Bonds, 2017 Series A</b>						
<b>05/18/2017 - Due 6/15</b>	35,085,000					
		2019/20	1,245,000		1,230,156	2,475,156

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2020/21	1,305,000		1,167,906	2,472,906
		2021/22	1,375,000		1,102,656	2,477,656
		2022/23	1,440,000		1,033,906	2,473,906
		2023/24	1,515,000		961,906	2,476,906
		2024/25	1,590,000		886,156	2,476,156
		2025/26	1,670,000		806,656	2,476,656
		2026/27	1,750,000		723,156	2,473,156
		2027/28	1,840,000		635,656	2,475,656
		2028/29	1,885,000		589,656	2,474,656
		2029/30	1,940,000		537,819	2,477,819
		2030/31	1,995,000		479,619	2,474,619
		2031/32	2,055,000		419,769	2,474,769
		2032/33	2,115,000		358,119	2,473,119
		3033/34	2,180,000		294,669	2,474,669
		3034/35	2,250,000		226,544	2,476,544
		2035/36	2,320,000		156,231	2,476,231
		2036/37	2,395,000		80,831	2,475,831
		<b>TOTAL</b>	<b>32,865,000</b>		<b>11,691,413</b>	<b>44,556,413</b>
<b>General Obligation Parks Bonds, 2018 Series A</b>						
<b>01/18/2018- Due 6/15</b>	23,445,000					
		2019/20	1,265,000		658,250	1,923,250
		2020/21	1,290,000		632,950	1,922,950
		2021/22	1,325,000		594,250	1,919,250
		2022/23	1,395,000		528,000	1,923,000
		2023/24	1,465,000		458,250	1,923,250
		2024/25	1,490,000		428,950	1,918,950
		2025/26	1,520,000		399,150	1,919,150
		2026/27	1,565,000		353,550	1,918,550
		2027/28	1,615,000		306,600	1,921,600
		2028/29	4,240,000		258,150	4,498,150
		2029/30	4,365,000		130,950	4,495,950
		<b>TOTAL</b>	<b>44,980,000</b>		<b>10,505,833</b>	<b>55,485,833</b>
<b>General Obligation Emergency Facilities Refunding Bonds, 2018 Series B</b>						
<b>4/19/2018 - Due 6/15</b>	8,815,000					
		2019/20	745,000	5.00%	355,375	1,100,375
		2020/21	780,000	5.00%	318,125	1,098,125
		2021/22	815,000	5.00%	279,125	1,094,125
		2022/23	860,000	5.00%	238,375	1,098,375
		2023/24	905,000	5.00%	195,375	1,100,375
		2024/25	950,000	5.00%	150,125	1,100,125
		2025/26	995,000	5.00%	102,625	1,097,625

# Bonded Debt Interest and Sinking Fund

## Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2026/27	1,045,000	2.50%	52,875	1,097,875
		2027/28	1,070,000	2.50%	26,750	1,096,750
		<b>TOTAL</b>	<b>8,165,000</b>		<b>1,718,750</b>	<b>9,883,750</b>
<b>General Obligation Refunding Public Safety Bonds, 2019 Series A</b>						
<b>05/2/2019 - Due 6/15</b>	12,085,000					
		2019/20	1,450,000		617,653	2,067,653
		2020/21	1,585,000		479,250	2,064,250
		2021/22	1,665,000		400,000	2,065,000
		2022/23	1,750,000		316,750	2,066,750
		2023/24	1,790,000		281,750	2,071,750
		2024/25	1,875,000		192,250	2,067,250
		2025/26	1,970,000		98,500	2,068,500
		<b>TOTAL</b>	<b>12,085,000</b>		<b>2,386,153</b>	<b>14,471,153</b>
<b>General Obligation Housing Bonds, 2019 Series B</b>						
<b>05/2/2019 - Due 6/15</b>	15,560,000					
		2019/20	535,000		542,388	1,077,388
		2020/21	605,000		471,141	1,076,141
		2021/22	620,000		456,016	1,076,016
		2022/23	635,000		440,206	1,075,206
		2023/24	650,000		423,823	1,073,823
		2024/25	670,000		406,793	1,076,793
		2025/26	685,000		389,038	1,074,038
		2026/27	710,000		368,488	1,078,488
		2027/28	730,000		347,188	1,077,188
		2028/29	750,000		325,288	1,075,288
		2029/30	775,000		302,788	1,077,788
		2030/31	795,000		279,150	1,074,150
		2031/32	820,000		254,108	1,074,108
		2032/33	850,000		227,458	1,077,458
		2033/34	875,000		199,408	1,074,408
		2034/35	905,000		170,095	1,075,095
		2035/36	935,000		139,325	1,074,325
		2036/37	970,000		107,068	1,077,068
		2037/38	1,005,000		73,118	1,078,118
		2038/39	1,040,000		37,440	1,077,440
		<b>TOTAL</b>	<b>15,560,000</b>		<b>5,960,320</b>	<b>21,520,320</b>
<b>General Obligation Parks Bonds, 2019 Series C - proposed</b>						
<b>Date - TBD</b>	13,480,000					
		<b>TOTAL</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>
<b>COMBINED DEBT SERVICE</b>						
	179,260,000					

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2019/20	9,895,000		5,368,973	15,263,973
		2020/21	10,415,000		4,846,172	15,261,172
		2021/22	10,895,000		4,366,347	15,261,347
		2022/23	11,375,000		3,883,687	15,258,687
		2023/24	11,905,000		3,382,804	15,287,804
		2024/25	11,495,000		2,846,974	14,341,974
		2025/26	11,965,000		2,376,169	14,341,169
		2026/27	10,350,000		1,924,519	12,274,519
		2027/28	10,695,000		1,584,244	12,279,244
		2028/29	10,370,000		1,277,944	11,647,944
		2029/30	7,080,000		971,556	8,051,556
		2030/31	2,790,000		758,769	3,548,769
		2031/32	2,875,000		673,876	3,548,876
		2032/33	2,965,000		585,576	3,550,576
		3033/34	3,055,000		494,076	3,549,076
		3034/35	3,155,000		396,639	3,551,639
		2035/36	3,255,000		295,556	3,550,556
		2036/37	3,365,000		187,899	3,552,899
		2037/38	1,005,000		73,118	1,078,118
<b>TOTAL FUND DEBT SERVICE</b>			<b>139,945,000</b>		<b>36,332,336</b>	<b>176,277,336</b>

# City Fleet Operating Fund

## Fund Summary

City Support Services Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Intergovernmental	861,993	891,647	1,401,147	1,319,424	1,319,424	1,319,424
Bond & Note	0	0	0	6,014,332	6,014,332	6,014,332
Miscellaneous	1,128,313	2,009,239	1,163,378	1,394,942	1,394,942	1,394,942
<b>Total External Revenues</b>	<b>1,990,306</b>	<b>2,900,886</b>	<b>2,564,525</b>	<b>8,728,698</b>	<b>8,728,698</b>	<b>8,728,698</b>
Interagency Revenue	29,092,724	34,456,462	38,202,500	39,369,115	39,404,615	39,404,615
<b>Total Internal Revenues</b>	<b>29,092,724</b>	<b>34,456,462</b>	<b>38,202,500</b>	<b>39,369,115</b>	<b>39,404,615</b>	<b>39,404,615</b>
Beginning Fund Balance	20,509,796	17,017,136	18,641,901	8,479,729	8,479,729	8,479,729
<b>Total Resources</b>	<b>51,592,826</b>	<b>54,374,485</b>	<b>59,408,926</b>	<b>56,577,542</b>	<b>56,613,042</b>	<b>56,613,042</b>
<b>Requirements</b>						
Personnel Services	7,912,218	7,923,004	8,969,541	8,995,563	8,995,563	8,995,563
External Materials and Services	11,977,423	13,467,858	14,960,648	14,502,887	14,502,887	14,502,887
Internal Materials and Services	2,028,526	2,367,427	2,538,727	2,359,699	2,359,699	2,359,699
Capital Outlay	11,066,252	10,287,384	23,959,984	11,277,664	11,277,664	11,277,664
<b>Total Bureau Expenditures</b>	<b>32,984,419</b>	<b>34,045,674</b>	<b>50,428,900</b>	<b>37,135,813</b>	<b>37,135,813</b>	<b>37,135,813</b>
Debt Service	456,771	500,837	623,905	764,246	764,246	764,246
Contingency	0	0	7,085,728	17,493,055	17,528,555	17,528,555
Fund Transfers - Expense	1,134,500	1,186,075	1,270,393	1,184,428	1,184,428	1,184,428
<b>Total Fund Expenditures</b>	<b>1,591,271</b>	<b>1,686,912</b>	<b>8,980,026</b>	<b>19,441,729</b>	<b>19,477,229</b>	<b>19,477,229</b>
Ending Fund Balance	17,017,136	18,641,898	0	0	0	0
<b>Total Requirements</b>	<b>51,592,826</b>	<b>54,374,483</b>	<b>59,408,926</b>	<b>56,577,542</b>	<b>56,613,042</b>	<b>56,613,042</b>

## Fund Overview

The CityFleet Operating Fund accounts for the revenues and expenditures associated with CityFleet's operations. CityFleet's services include: vehicle & equipment acquisitions, maintenance operations, fueling stations, parts management, automotive body repairs, motor pool, rental programs, sustainability program, and metal fabrication. CityFleet also provides fleet policies and procedures related to fleet operations, and has established Intergovernmental Agreements to provide a regional approach for professional fleet services and sustainability goals.

The fund's major source of revenue is service reimbursement transfers from City bureaus. Outside agencies also pay the City for vehicle maintenance services provided.

## Managing Agency

Office of Management & Finance, Office of the Chief Administrative Officer

**Debt Summary****City Fleet Operating Fund**

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Proposed Line of Credit (Fueling Stations)</b>						
<b>Date - TBD</b>	10,500,000					
		2019/20	0		186,385	186,385
<b>TOTAL FUND DEBT SERVICE</b>			<b>0</b>		<b>186,385</b>	<b>186,385</b>

# Enterprise Business Solutions Services Fund

## Fund Summary

City Support Services Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	54,283	64,549	95,000	0	0	0
<b>Total External Revenues</b>	<b>54,283</b>	<b>64,549</b>	<b>95,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
Interagency Revenue	11,771,472	10,087,676	9,575,986	0	0	0
<b>Total Internal Revenues</b>	<b>11,771,472</b>	<b>10,087,676</b>	<b>9,575,986</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	3,419,185	3,968,813	5,142,853	0	0	0
<b>Total Resources</b>	<b>15,244,940</b>	<b>14,121,038</b>	<b>14,813,839</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Requirements</b>						
Personnel Services	2,465,706	2,594,519	2,583,414	0	0	0
External Materials and Services	876,574	994,892	1,926,210	0	0	0
Internal Materials and Services	4,718,725	5,211,485	5,390,080	0	0	0
Capital Outlay	0	0	20,000	0	0	0
<b>Total Bureau Expenditures</b>	<b>8,061,005</b>	<b>8,800,895</b>	<b>9,919,704</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	3,036,800	0	0	0	0	0
Contingency	0	0	4,709,482	0	0	0
Fund Transfers - Expense	178,322	177,290	184,653	0	0	0
<b>Total Fund Expenditures</b>	<b>3,215,122</b>	<b>177,290</b>	<b>4,894,135</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	3,968,813	5,142,852	0	0	0	0
<b>Total Requirements</b>	<b>15,244,940</b>	<b>14,121,037</b>	<b>14,813,839</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Fund Overview

The Enterprise Business Solutions (EBS) Services Fund, while still a fund, will not have any budgeted resources or requirements beginning in FY 2019-20. The responsibilities of the fund are to support the implementation, maintenance, and continuous improvement of the City's SAP integrated resource planning system. Responsibilities of this fund now fall under the portfolio of the Technology Services Fund.

**Managing Agency** Office of Management & Finance, Bureau of Technology Services

## Significant Changes from Prior Year

EBS is now a part of the Bureau of Technology Services.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Licenses & Permits	0	50	0	0	0	0
Charges for Services	1,547,475	1,527,678	1,463,149	1,522,357	1,522,357	1,522,357
Intergovernmental	8,590	27,696	15,000	2,000,000	2,000,000	2,000,000
Bond & Note	15,707,364	36,632,364	114,290,373	12,323,296	12,323,296	12,323,296
Miscellaneous	837,590	1,044,111	1,145,047	72,723,871	72,723,871	72,723,871
<b>Total External Revenues</b>	<b>18,101,019</b>	<b>39,231,900</b>	<b>116,913,569</b>	<b>88,569,524</b>	<b>88,569,524</b>	<b>88,569,524</b>
Fund Transfers - Revenue	4,417,059	2,706,021	5,174,067	11,318,918	11,318,918	11,318,918
Interagency Revenue	30,123,668	34,509,377	30,695,977	33,811,195	33,886,195	33,886,195
<b>Total Internal Revenues</b>	<b>34,540,727</b>	<b>37,215,398</b>	<b>35,870,044</b>	<b>45,130,113</b>	<b>45,205,113</b>	<b>45,205,113</b>
Beginning Fund Balance	38,754,109	37,967,779	41,635,861	40,225,775	40,225,775	40,225,775
<b>Total Resources</b>	<b>91,395,855</b>	<b>114,415,077</b>	<b>194,419,474</b>	<b>173,925,412</b>	<b>174,000,412</b>	<b>174,000,412</b>
<b>Requirements</b>						
Personnel Services	4,682,173	5,089,439	6,288,656	7,065,677	7,065,677	7,065,677
External Materials and Services	29,788,385	44,450,876	53,755,387	44,600,165	44,675,165	44,675,165
Internal Materials and Services	3,243,619	4,453,627	5,081,143	5,459,582	5,459,582	5,459,582
Capital Outlay	1,547,216	14,042,352	100,917,342	61,878,246	61,878,246	61,878,246
<b>Total Bureau Expenditures</b>	<b>39,261,393</b>	<b>68,036,294</b>	<b>166,042,528</b>	<b>119,003,670</b>	<b>119,078,670</b>	<b>119,078,670</b>
Debt Service	13,238,905	5,571,495	6,854,305	9,261,939	9,261,939	9,261,939
Contingency	0	0	20,458,732	44,349,483	44,349,483	44,349,483
Fund Transfers - Expense	927,778	918,421	1,063,909	1,310,320	1,310,320	1,310,320
<b>Total Fund Expenditures</b>	<b>14,166,683</b>	<b>6,489,916</b>	<b>28,376,946</b>	<b>54,921,742</b>	<b>54,921,742</b>	<b>54,921,742</b>
Ending Fund Balance	37,967,779	39,888,866	0	0	0	0
<b>Total Requirements</b>	<b>91,395,855</b>	<b>114,415,076</b>	<b>194,419,474</b>	<b>173,925,412</b>	<b>174,000,412</b>	<b>174,000,412</b>

## Fund Overview

The Facilities Services Operating Fund accounts for all of the facilities-related programs and capital projects managed by the Office of Management & Finance. The fund is generally self-sufficient; however, Facilities Services may request General Fund support on behalf of a General Fund bureau to cover project expenses specific to that bureau's facility requirements, or for projects related to General Fund capital set-aside requests.

The fund's primary sources of revenue are service reimbursements from City bureaus for space rental and other services, and revenues from tenants occupying City-owned space. Debt issuance is also a resource for capital projects, with the resulting principal and interest obligations generally being incorporated into the rental rates. Services to City-owned space include: building operations, maintenance services, interior space remodels and reconfigurations, janitorial services, security services, property and capital project management, and strategic planning and development.

### Managing Agency

Office of Management & Finance, Office of the Chief Administrative Officer

**Significant Changes from Prior Year**

The Facilities Services Operating Fund includes large debt-financed projects such as the Portland Building Reconstruction Project and the construction of a new building at S.W. 4th and Montgomery in partnership with local entities. Both projects continue into FY 2019-20 and are anticipating completion in 2020.

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Limited Tax Revenue Bonds, 2011 Series B (Emergency Coordination Center Project)</b>						
12/15/2011 - Due 6/1	5,445,000					
		2019/20	390,000	3.00%	82,656	472,656
		2020/21	405,000	2.38%	70,956	475,956
		2021/22	415,000	2.50%	61,338	476,338
		2022/23	425,000	2.63%	50,963	475,963
		2023/24	435,000	2.88%	39,806	474,806
		2024/25	450,000	3.00%	27,300	477,300
		2025/26	460,000	3.00%	13,800	473,800
		<b>TOTAL</b>	<b>2,980,000</b>		<b>346,819</b>	<b>3,326,819</b>
<b>Limited Tax Revenue &amp; Refunding Bonds, 2012 Series B - Police Training Facility &amp; Refund 2004 A (Facilities Portion Only)</b>						
05/24/2012 - Due 6/1	21,778,650					
		2019/20	1,435,000	4.00%	179,000	1,614,000
		2020/21	1,490,000	4.00%	121,600	1,611,600
		2021/22	1,550,000	4.00%	62,000	1,612,000
		<b>TOTAL</b>	<b>4,475,000</b>		<b>362,600</b>	<b>4,837,600</b>
<b>Limited Tax Revenue and Refunding Bonds, 2017 Series A (Archives)</b>						
06/15/2017 - Due 4/1	6,615,000					
		2019/20	510,000	4.00%	267,150	777,150
		2020/21	530,000	5.00%	246,750	776,750
		2021/22	560,000	5.00%	220,250	780,250
		2022/23	585,000	5.00%	192,250	777,250
		2023/24	615,000	5.00%	163,000	778,000
		2024/25	650,000	5.00%	132,250	782,250
		2025/26	680,000	5.00%	99,750	779,750
		2026/27	715,000	5.00%	65,750	780,750
		2027/28	750,000	4.00%	30,000	780,000
		<b>TOTAL</b>	<b>5,595,000</b>		<b>1,417,150</b>	<b>7,012,150</b>
<b>Limited Tax Revenue Bonds, 2018 Series B - Portland Building Project</b>						
11/29/2018 - Due 6/15	102,860,000					
		2019/20	0		5,143,000	5,143,000
		2020/21	3,110,000	5.00%	5,143,000	8,253,000
		2021/22	3,265,000	5.00%	4,987,500	8,252,500
		2022/23	3,430,000	5.00%	4,824,250	8,254,250
		2023/24	3,600,000	5.00%	4,652,750	8,252,750
		2024/25	3,780,000	5.00%	4,472,750	8,252,750
		2025/26	3,970,000	5.00%	4,283,750	8,253,750
		2026/27	4,170,000	5.00%	4,085,250	8,255,250
		2027/28	4,380,000	5.00%	3,876,750	8,256,750
		2028/29	4,595,000	5.00%	3,657,750	8,252,750

# Facilities Services Operating Fund

## Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2029/30	4,825,000	5.00%	3,428,000	8,253,000
		2030/31	5,070,000	5.00%	3,186,750	8,256,750
		2031/32	5,320,000	5.00%	2,933,250	8,253,250
		3032/33	5,585,000	5.00%	2,667,250	8,252,250
		2033/34	5,865,000	5.00%	2,388,000	8,253,000
		2034/35	6,160,000	5.00%	2,094,750	8,254,750
		2035/36	6,470,000	5.00%	1,786,750	8,256,750
		2036/37	6,790,000	5.00%	1,463,250	8,253,250
		2037/38	7,130,000	5.00%	1,123,750	8,253,750
		2038/39	7,485,000	5.00%	767,250	8,252,250
		2039/40	7,860,000	5.00%	393,000	8,253,000
		<b>TOTAL</b>	<b>102,860,000</b>		<b>67,358,750</b>	<b>170,218,750</b>

### Limited Tax Revenue Bonds, 2019 Series A (4th & Montgomery Project)

Date - 1/30/2019

14,205,000

2019/20	0	712,223	712,223
2020/21	465,000	710,250	1,175,250
2021/22	490,000	687,000	1,177,000
2022/23	515,000	662,500	1,177,500
2023/24	540,000	636,750	1,176,750
2024/25	565,000	609,750	1,174,750
2025/26	595,000	581,500	1,176,500
2026/27	625,000	551,750	1,176,750
2027/28	655,000	520,500	1,175,500
2028/29	685,000	487,750	1,172,750
2029/30	720,000	453,500	1,173,500
2030/31	760,000	417,500	1,177,500
2031/32	795,000	379,500	1,174,500
3032/33	835,000	339,750	1,174,750
2033/34	875,000	298,000	1,173,000
2034/35	920,000	254,250	1,174,250
2035/36	965,000	208,250	1,173,250
2036/37	1,015,000	160,000	1,175,000
2037/38	1,065,000	109,250	1,174,250
2038/39	1,120,000	56,000	1,176,000
<b>TOTAL</b>	<b>14,205,000</b>	<b>8,835,973</b>	<b>23,040,973</b>

### Estimated - Portland Building Line of Credit

Date - 1/8/2019

23,000,000

2019/20	0	variable	449,794	449,794
<b>TOTAL</b>	<b>0</b>		<b>449,794</b>	<b>449,794</b>

### Estimated - 4th/Montgomery Furniture Line of Credit

Date - TBD

5,000,000

## Debt Summary

## Facilities Services Operating Fund

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2019/20	0	variable	79,534	79,534
		<b>TOTAL</b>	<b>0</b>		<b>79,534</b>	<b>79,534</b>
<b>COMBINED DEBT SERVICE</b>						
	178,903,650					
		2019/20	2,335,000		6,913,357	9,248,357
		2020/21	6,000,000		6,292,556	12,292,556
		2021/22	6,280,000		6,018,088	12,298,088
		2022/23	4,955,000		5,729,963	10,684,963
		2023/24	5,190,000		5,492,306	10,682,306
		2024/25	5,445,000		5,242,050	10,687,050
		2025/26	5,705,000		4,978,800	10,683,800
		2026/27	5,510,000		4,702,750	10,212,750
		2027/28	5,785,000		4,427,250	10,212,250
		2028/29	5,280,000		4,145,500	9,425,500
		2029/30	5,545,000		3,881,500	9,426,500
		2030/31	5,830,000		3,604,250	9,434,250
		2031/32	6,115,000		3,312,750	9,427,750
		3032/33	6,420,000		3,007,000	9,427,000
		2033/34	6,740,000		2,686,000	9,426,000
		2034/35	7,080,000		2,349,000	9,429,000
		2035/36	7,435,000		1,995,000	9,430,000
		2036/37	7,805,000		1,623,250	9,428,250
		2037/38	8,195,000		1,233,000	9,428,000
		2038/39	8,605,000		823,250	9,428,250
		2039/40	7,860,000		393,000	8,253,000
<b>TOTAL FUND DEBT SERVICE</b>			<b>130,115,000</b>		<b>78,850,620</b>	<b>208,965,620</b>

# Governmental Bond Redemption Fund

## Fund Summary

City Support Services Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	163,569	438,043	1,000,000	1,020,000	1,020,000	1,020,000
<b>Total External Revenues</b>	<b>163,569</b>	<b>438,043</b>	<b>1,000,000</b>	<b>1,020,000</b>	<b>1,020,000</b>	<b>1,020,000</b>
Fund Transfers - Revenue	2,433,905	1,863,243	2,154,744	2,453,619	2,453,619	2,453,619
<b>Total Internal Revenues</b>	<b>2,433,905</b>	<b>1,863,243</b>	<b>2,154,744</b>	<b>2,453,619</b>	<b>2,453,619</b>	<b>2,453,619</b>
Beginning Fund Balance	30,746	31,147	0	0	0	0
<b>Total Resources</b>	<b>2,628,220</b>	<b>2,332,433</b>	<b>3,154,744</b>	<b>3,473,619</b>	<b>3,473,619</b>	<b>3,473,619</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	2,597,073	2,300,566	3,154,744	3,473,619	3,473,619	3,473,619
<b>Total Fund Expenditures</b>	<b>2,597,073</b>	<b>2,300,566</b>	<b>3,154,744</b>	<b>3,473,619</b>	<b>3,473,619</b>	<b>3,473,619</b>
Ending Fund Balance	31,147	31,867	0	0	0	0
<b>Total Requirements</b>	<b>2,628,220</b>	<b>2,332,433</b>	<b>3,154,744</b>	<b>3,473,619</b>	<b>3,473,619</b>	<b>3,473,619</b>

## Fund Overview

The Governmental Bond Redemption Fund is used to achieve a proper matching of revenues and expenditures for financing the acquisition of equipment and facilities for essential City services. Specifically, this fund accounts for resources, and the allocation thereof, to pay principal and interest on outstanding governmental indebtedness. Debt repaid through this fund includes bonds issued to finance projects including the Clark Center, East Permanent Housing Facility, the Housing Opportunity Bond program, and a portion of the Ellington Apartments project.

Additionally, debt service on General Fund-secured lines of credit for River District Urban Renewal Area capital improvements and Build Portland capital improvements is paid from this fund.

**Managing Agency** Office of Management & Finance, Bureau of Revenue & Financial Services

## Significant Changes from Prior Year

**Build Portland** In April 2018, the City Council passed Ordinance 188885 that authorized up to \$52 million to finance infrastructure improvements in City parks, transportation and other capital assets under a program known as Build Portland. The City plans to execute a line of credit in FY 2019-20 to provide interim financing for Build Portland projects, which ultimately will be refinanced with long-term bonds. Debt service on the line of credit and the bonds will be paid from General Fund resources.

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Limited Tax Revenue Refunding Bonds, 2010 Series A (General Fund Portion Only)</b>						
04/22/2010 - Due 4/1	4,840,000					
		2019/20	455,000	3.13%	14,219	469,219
		<b>TOTAL</b>	<b>455,000</b>		<b>14,219</b>	<b>469,219</b>
<b>Limited Tax Housing Revenue Bonds, 2005 Series D (Housing Opportunity Bonds)</b>						
6/21/2005 - Due 6/1	6,975,000					
		2019/20	590,000	4.00%	157,900	747,900
		2020/21	615,000	4.00%	134,300	749,300
		2021/22	640,000	4.00%	109,700	749,700
		2022/23	665,000	4.00%	84,100	749,100
		2023/24	695,000	4.00%	57,500	752,500
		2024/25	720,000	4.13%	29,700	749,700
		<b>TOTAL</b>	<b>3,925,000</b>		<b>573,200</b>	<b>4,498,200</b>
<b>Estimated - River District General Fund Line of Credit</b>						
	36,000,000					
		2019/20	0	variable	1,020,000	1,020,000
		<b>TOTAL</b>	<b>0</b>		<b>1,020,000</b>	<b>1,020,000</b>
<b>Limited Tax Revenue Bonds, 2018 Series A (Ellington Apartments Project)</b>						
6/28/2018 - Due 3/1	9,000,000					
		2019/20	575,000	5.00%	361,500	936,500
		2020/21	605,000	5.00%	332,750	937,750
		2021/22	635,000	5.00%	302,500	937,500
		2022/23	665,000	5.00%	270,750	935,750
		2023/24	700,000	5.00%	237,500	937,500
		2024/25	730,000	5.00%	202,500	932,500
		2025/26	770,000	5.00%	166,000	936,000
		2026/27	810,000	5.00%	127,500	937,500
		2027/28	850,000	5.00%	87,000	937,000
		2028/29	890,000	5.00%	44,500	934,500
		<b>TOTAL</b>	<b>7,230,000</b>		<b>2,132,500</b>	<b>5,617,500</b>
<b>Estimated - Build Portland Line of Credit</b>						
Date - TBD	4,000,000					
		2019/20	0	variable	300,000	300,000
		<b>TOTAL</b>	<b>0</b>		<b>300,000</b>	<b>300,000</b>
<b>Estimated - Build Portland Line of Credit</b>						
Date - TBD	4,000,000					
		2019/20	0	variable	300,000	300,000
		<b>TOTAL</b>	<b>0</b>		<b>300,000</b>	<b>300,000</b>
<b>COMBINED DEBT SERVICE</b>						
	56,815,000					
		2019/20	1,620,000		1,553,619	3,173,619

# Governmental Bond Redemption Fund

## Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2020/21	1,220,000		467,050	1,687,050
		2021/22	1,275,000		412,200	1,687,200
		2022/23	1,330,000		354,850	1,684,850
		2023/24	1,395,000		295,000	1,690,000
		2024/25	1,450,000		232,200	1,682,200
		2025/26	770,000		166,000	936,000
		2026/27	810,000		127,500	937,500
		2027/28	850,000		87,000	937,000
		2028/29	890,000		44,500	934,500
<b>TOTAL FUND DEBT SERVICE</b>			<b>11,610,000</b>		<b>3,739,919</b>	<b>15,349,919</b>
<b>COMBINED DEBT SERVICE</b>						
	60,815,000					
		2018/19	1,620,000		1,853,619	3,473,619
		2019/20	1,220,000		467,050	1,687,050
		2020/21	1,275,000		412,200	1,687,200
		2021/22	1,330,000		354,850	1,684,850
		2022/23	1,395,000		295,000	1,690,000
		2023/24	1,450,000		232,200	1,682,200
		2024/25	770,000		166,000	936,000
		2025/26	810,000		127,500	937,500
		2026/27	850,000		87,000	937,000
		2027/28	890,000		44,500	934,500
<b>TOTAL FUND DEBT SERVICE</b>			<b>11,610,000</b>		<b>4,039,919</b>	<b>15,649,919</b>

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	61,544,510	96,266,834	107,668,692	110,638,843	110,638,843	110,638,843
Miscellaneous	1,489,481	514,045	508,965	661,029	661,029	661,029
<b>Total External Revenues</b>	<b>63,033,991</b>	<b>96,780,878</b>	<b>108,177,657</b>	<b>111,299,872</b>	<b>111,299,872</b>	<b>111,299,872</b>
Fund Transfers - Revenue	0	0	0	150,000	150,000	150,000
Interagency Revenue	0	0	237,499	359,736	359,736	359,736
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>237,499</b>	<b>509,736</b>	<b>509,736</b>	<b>509,736</b>
Beginning Fund Balance	22,958,693	24,696,917	22,632,366	19,076,761	19,076,761	19,076,761
<b>Total Resources</b>	<b>85,992,684</b>	<b>121,477,795</b>	<b>131,047,522</b>	<b>130,886,369</b>	<b>130,886,369</b>	<b>130,886,369</b>
<b>Requirements</b>						
Personnel Services	1,562,582	1,746,530	2,196,742	2,134,186	2,134,186	2,134,186
External Materials and Services	58,982,874	96,034,628	117,037,922	110,854,592	110,854,592	110,854,592
Internal Materials and Services	427,083	398,186	493,890	541,106	541,106	541,106
<b>Total Bureau Expenditures</b>	<b>60,972,539</b>	<b>98,179,344</b>	<b>119,728,554</b>	<b>113,529,884</b>	<b>113,529,884</b>	<b>113,529,884</b>
Debt Service	36,092	39,574	43,046	45,660	45,660	45,660
Contingency	0	0	10,954,526	17,023,871	17,023,871	17,023,871
Fund Transfers - Expense	287,136	318,157	321,396	286,954	286,954	286,954
<b>Total Fund Expenditures</b>	<b>323,228</b>	<b>357,731</b>	<b>11,318,968</b>	<b>17,356,485</b>	<b>17,356,485</b>	<b>17,356,485</b>
Ending Fund Balance	24,696,917	22,940,720	0	0	0	0
<b>Total Requirements</b>	<b>85,992,684</b>	<b>121,477,795</b>	<b>131,047,522</b>	<b>130,886,369</b>	<b>130,886,369</b>	<b>130,886,369</b>

## Fund Overview

The Health Insurance Operating Fund collects revenue and pays expenses incurred for medical, dental, vision and prescription drug claims, claims administration, internal administration, chronic disease management, and stop-loss insurance for the insured programs (e.g. Kaiser medical/dental/vision, life insurance and disability programs) and self-funded CityCore, CityBasic and dental programs elected by most City employees, COBRA enrollees, retirees and other casual employees who gain access to coverage through the Affordable Care Act or collective bargaining agreements.

### Managing Agency

Office of Management & Finance, Bureau of Human Resources

# Insurance and Claims Operating Fund

## Fund Summary

City Support Services Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	0	300	0	0	0	0
Miscellaneous	551,076	535,232	630,124	945,467	945,467	945,467
<b>Total External Revenues</b>	<b>551,076</b>	<b>535,532</b>	<b>630,124</b>	<b>945,467</b>	<b>945,467</b>	<b>945,467</b>
Interagency Revenue	10,913,471	11,476,386	11,626,690	11,295,028	11,295,028	11,295,028
<b>Total Internal Revenues</b>	<b>10,913,471</b>	<b>11,476,386</b>	<b>11,626,690</b>	<b>11,295,028</b>	<b>11,295,028</b>	<b>11,295,028</b>
Beginning Fund Balance	28,541,744	30,679,775	32,894,095	33,954,617	33,954,617	33,954,617
<b>Total Resources</b>	<b>40,006,291</b>	<b>42,691,693</b>	<b>45,150,909</b>	<b>46,195,112</b>	<b>46,195,112</b>	<b>46,195,112</b>
<b>Requirements</b>						
Personnel Services	1,312,334	1,217,458	1,345,743	1,498,892	1,498,892	1,498,892
External Materials and Services	4,985,401	5,426,648	7,389,694	6,723,073	6,723,073	6,723,073
Internal Materials and Services	2,725,628	2,870,777	2,941,566	3,040,398	3,040,398	3,040,398
<b>Total Bureau Expenditures</b>	<b>9,023,363</b>	<b>9,514,884</b>	<b>11,677,003</b>	<b>11,262,363</b>	<b>11,262,363</b>	<b>11,262,363</b>
Debt Service	85,294	93,523	101,727	107,906	107,906	107,906
Contingency	0	0	33,160,567	34,605,484	34,605,484	34,605,484
Fund Transfers - Expense	217,859	189,192	211,612	219,359	219,359	219,359
<b>Total Fund Expenditures</b>	<b>303,153</b>	<b>282,715</b>	<b>33,473,906</b>	<b>34,932,749</b>	<b>34,932,749</b>	<b>34,932,749</b>
Ending Fund Balance	30,679,775	32,894,095	0	0	0	0
<b>Total Requirements</b>	<b>40,006,291</b>	<b>42,691,693</b>	<b>45,150,909</b>	<b>46,195,112</b>	<b>46,195,112</b>	<b>46,195,112</b>

## Fund Overview

The Insurance and Claims Operating Fund provides tort, general liability, and fleet liability claims administration; management of the liability self-insurance program; management of the City's commercial insurance portfolio; and Citywide leadership in loss prevention.

Fund expenditures are primarily for claims-related payments. Projected claims are based on an independent actuarial study, which includes a projection for the current fiscal year and for the next five years.

The reserve requirement is based on the actuarial study, which recommends a range for the reserve levels needed to cover outstanding incurred liabilities. The range is produced by calculating reserves at various confidence levels (i.e., the probability that actual losses will not exceed the reserve level). Reserves are stated at a discounted level, which takes into account the interest the fund earns on the fund balance. The Insurance and Claims Operating Fund reserves are forecasted at a discounted confidence level of 80%. Interagency revenues are projected on a five-year basis so that, by year five, the fund will achieve the required claims reserve forecasted for the fifth year by the actuary. This five-year smoothing of interagency rates is designed to mitigate large fluctuations in rates from year to year.

## Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	804,821	890,315	892,781	1,028,015	1,028,015	1,028,015
<b>Total External Revenues</b>	<b>804,821</b>	<b>890,315</b>	<b>892,781</b>	<b>1,028,015</b>	<b>1,028,015</b>	<b>1,028,015</b>
Fund Transfers - Revenue	4,161,825	4,468,626	3,378,498	4,890,649	4,890,649	4,890,649
<b>Total Internal Revenues</b>	<b>4,161,825</b>	<b>4,468,626</b>	<b>3,378,498</b>	<b>4,890,649</b>	<b>4,890,649</b>	<b>4,890,649</b>
Beginning Fund Balance	1,987,026	2,137,895	2,124,966	690,000	690,000	690,000
<b>Total Resources</b>	<b>6,953,672</b>	<b>7,496,836</b>	<b>6,396,245</b>	<b>6,608,664</b>	<b>6,608,664</b>	<b>6,608,664</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	4,815,777	5,217,677	5,646,245	5,858,664	5,858,664	5,858,664
Debt Service Reserves	0	0	750,000	750,000	750,000	750,000
<b>Total Fund Expenditures</b>	<b>4,815,777</b>	<b>5,217,677</b>	<b>6,396,245</b>	<b>6,608,664</b>	<b>6,608,664</b>	<b>6,608,664</b>
Ending Fund Balance	2,137,895	2,279,160	0	0	0	0
<b>Total Requirements</b>	<b>6,953,672</b>	<b>7,496,837</b>	<b>6,396,245</b>	<b>6,608,664</b>	<b>6,608,664</b>	<b>6,608,664</b>

## Fund Overview

The Pension Debt Redemption Fund is used to achieve proper matching of revenues and expenditures related to the financing of the City's unfunded actuarial accrued pension liability as of December 31, 1997. This fund accounts for the allocation of resources to pay approximately 20% of the principal and interest due on the Limited Tax Pension Obligation Revenue Bonds, 1999 Series C, D, and E. Excluding Prosper Portland, 100% of whose share is paid from this fund, the remaining portion has been allocated and is being paid directly by the funds that benefited from the issuance of the bonds.

### Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

# Pension Debt Redemption Fund

## Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Limited Tax Pension Obligation Revenue Bonds, 1999 Series C</b>						
<b>11/10/1999 - Due 6/1</b>	150,848,346					
		2019/20	27,935,000	7.70%	7,302,088	35,237,088
		2020/21	31,495,000	7.70%	5,150,814	36,645,814
		2021/22	35,390,000	7.70%	2,725,384	38,115,384
		2022/23	6,345,175	7.70%	33,294,825	39,640,000
		2023/24	6,105,423	7.93%	35,119,578	41,225,000
		2024/25	5,874,733	7.93%	37,000,268	42,875,000
		2025/26	5,652,228	7.93%	38,937,772	44,590,000
		2026/27	5,438,274	7.93%	40,931,726	46,370,000
		2027/28	5,232,955	7.93%	42,997,045	48,230,000
		2028/29	5,034,559	7.93%	45,120,441	50,155,000
		<b>TOTAL</b>	<b>134,503,346</b>		<b>288,579,940</b>	<b>423,083,286</b>
<b>COMBINED DEBT SERVICE</b>						
	150,848,346					
		2019/20	27,935,000		7,302,088	35,237,088
		2020/21	31,495,000		5,150,814	36,645,814
		2021/22	35,390,000		2,725,384	38,115,384
		2022/23	6,345,175		33,294,825	39,640,000
		2023/24	6,105,423		35,119,578	41,225,000
		2024/25	5,874,733		37,000,268	42,875,000
		2025/26	5,652,228		38,937,772	44,590,000
		2026/27	5,438,274		40,931,726	46,370,000
		2027/28	5,232,955		42,997,045	48,230,000
		2028/29	5,034,559		45,120,441	50,155,000
<b>TOTAL FUND DEBT SERVICE</b>			<b>134,503,346</b>		<b>288,579,940</b>	<b>423,083,286</b>

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	0	19,325,243	19,902,314	18,797,252	18,797,252	18,797,252
Miscellaneous	7,177,051	1,352,682	198,320	258,188	258,188	258,188
<b>Total External Revenues</b>	<b>7,177,051</b>	<b>20,677,925</b>	<b>20,100,634</b>	<b>19,055,440</b>	<b>19,055,440</b>	<b>19,055,440</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	0	7,177,051	7,177,052	12,909,372	12,909,372	12,909,372
<b>Total Resources</b>	<b>7,177,051</b>	<b>27,854,976</b>	<b>27,277,686</b>	<b>31,964,812</b>	<b>31,964,812</b>	<b>31,964,812</b>
<b>Requirements</b>						
External Materials and Services	0	16,629,073	20,452,448	17,420,895	17,420,895	17,420,895
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>16,629,073</b>	<b>20,452,448</b>	<b>17,420,895</b>	<b>17,420,895</b>	<b>17,420,895</b>
Contingency	0	0	6,825,238	14,543,917	14,543,917	14,543,917
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>6,825,238</b>	<b>14,543,917</b>	<b>14,543,917</b>	<b>14,543,917</b>
Ending Fund Balance	7,177,051	11,225,903	0	0	0	0
<b>Total Requirements</b>	<b>7,177,051</b>	<b>27,854,976</b>	<b>27,277,686</b>	<b>31,964,812</b>	<b>31,964,812</b>	<b>31,964,812</b>

## Fund Overview

The Portland Police Association (PPA) Health Insurance Fund collects revenue and pays expenses incurred for medical, dental, vision, prescription drug claims, claims administration, internal administration, and chronic disease management for the self-funded CityNet medical and dental/vision programs and the insured programs (e.g. Kaiser medical/dental and vision).

Sworn employees of the Police Bureau who are members of the PPA, retirees of the PPA, and COBRA participants who are eligible employees or dependents of a PPA members have their claims and premiums managed and paid within this fund. To manage the risk of this plan, large claims above \$100,000 are paid through stop loss insurance, which is purchased through a third-party administrator.

**Managing Agency** Office of Management & Finance, Bureau of Human Resources

## Significant Changes from Prior Year

FY 2017-18 was the first year of the PPA Health Insurance Fund, moving PPA members to a self-funded model within the City's portfolio. This change was established through collective bargaining. Previously, the City purchased insured health plans on behalf of the PPA and no independent fund was required for the administration of healthcare. There were no significant changes to this fund in FY 2018-19 or FY 2019-20.

# Printing & Distribution Services Operating Fund

## Fund Summary

City Support Services Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	298,615	187,274	227,196	194,993	194,993	194,993
Intergovernmental	759,773	715,171	1,059,338	970,826	970,826	970,826
Bond & Note	0	0	0	211,702	211,702	211,702
Miscellaneous	56,984	72,336	284,593	49,096	49,096	49,096
<b>Total External Revenues</b>	<b>1,115,372</b>	<b>974,781</b>	<b>1,571,127</b>	<b>1,426,617</b>	<b>1,426,617</b>	<b>1,426,617</b>
Interagency Revenue	5,967,599	6,389,452	6,875,615	6,524,736	6,524,736	6,524,736
<b>Total Internal Revenues</b>	<b>5,967,599</b>	<b>6,389,452</b>	<b>6,875,615</b>	<b>6,524,736</b>	<b>6,524,736</b>	<b>6,524,736</b>
Beginning Fund Balance	1,064,188	1,333,705	1,788,567	2,070,830	2,070,830	2,070,830
<b>Total Resources</b>	<b>8,147,159</b>	<b>8,697,938</b>	<b>10,235,309</b>	<b>10,022,183</b>	<b>10,022,183</b>	<b>10,022,183</b>
<b>Requirements</b>						
Personnel Services	1,758,474	1,742,287	2,020,036	1,982,125	1,982,125	1,982,125
External Materials and Services	3,649,051	3,784,520	4,505,964	3,629,415	3,629,415	3,629,415
Internal Materials and Services	664,822	866,810	899,116	917,956	917,956	917,956
Capital Outlay	310,966	66,386	410,000	625,244	705,244	705,244
<b>Total Bureau Expenditures</b>	<b>6,383,313</b>	<b>6,460,004</b>	<b>7,835,116</b>	<b>7,154,740</b>	<b>7,234,740</b>	<b>7,234,740</b>
Debt Service	154,790	169,723	184,611	195,826	195,826	195,826
Contingency	0	0	1,917,830	2,392,685	2,312,685	2,312,685
Fund Transfers - Expense	275,351	279,644	297,752	278,932	278,932	278,932
<b>Total Fund Expenditures</b>	<b>430,141</b>	<b>449,367</b>	<b>2,400,193</b>	<b>2,867,443</b>	<b>2,787,443</b>	<b>2,787,443</b>
Ending Fund Balance	1,333,705	1,788,568	0	0	0	0
<b>Total Requirements</b>	<b>8,147,159</b>	<b>8,697,939</b>	<b>10,235,309</b>	<b>10,022,183</b>	<b>10,022,183</b>	<b>10,022,183</b>

## Fund Overview

The Printing & Distribution Services Operating Fund is an internal service fund established to account for Printing & Distribution Division revenues and expenditures. The division provides support services to all City bureaus, Multnomah County, Portland-area State of Oregon departments, and other local governmental agencies. Services include: traditional printing and binding; digital printing and pre-press services; variable data printing; reprographics; the purchase and maintenance of copy machines; citywide paper procurement and management; United States Postal Service mail processing; and inserting, addressing, and delivering mail and supplies.

The main source of revenue is reimbursement from other City bureaus and outside agencies for services provided.

## Managing Agency

Office of Management & Finance, Bureau of Technology Services

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
<b>Total External Revenues</b>	0	0	0	0	0	0
Fund Transfers - Revenue	0	250,000	1,237,200	1,266,472	1,266,472	1,266,472
<b>Total Internal Revenues</b>	0	250,000	1,237,200	1,266,472	1,266,472	1,266,472
Beginning Fund Balance	0	0	242,441	0	0	0
<b>Total Resources</b>	0	250,000	1,479,641	1,266,472	1,266,472	1,266,472
<b>Requirements</b>						
Personnel Services	0	5,738	201,628	240,198	240,198	240,198
External Materials and Services	0	537	1,275,863	985,267	985,267	985,267
Internal Materials and Services	0	1,283	2,150	41,007	41,007	41,007
<b>Total Bureau Expenditures</b>	0	7,559	1,479,641	1,266,472	1,266,472	1,266,472
<b>Total Fund Expenditures</b>	0	0	0	0	0	0
Ending Fund Balance	0	242,441	0	0	0	0
<b>Total Requirements</b>	0	250,000	1,479,641	1,266,472	1,266,472	1,266,472

## Fund Overview

The Public Election Fund provides financing of the election campaigns of certified candidates for nomination or election to City Office, as well as the payment of administrative, enforcement, and other expenses necessary to carry out the functions and duties of Portland City Code Chapter 2.16.020. In 2016, City Council adopted the Open and Accountable Elections Policy (Ordinance 188152) creating the Public Election Fund and amending Code Chapter 2.16 - Election Reform - to be more inclusive through a small donor program.

There is one correction to note on the Fund Summary table above. The Public Election Fund had an FY 2018-19 ending fund balance of \$615,288, which will be recognized as the beginning fund balance in the FY 2019-20 Fall Supplemental Monitoring Process. With that adjustment, Fund 214 will have \$1,852,488 available to disperse to candidates in FY 2019-20. Additionally, the FY 2019-20 Adopted Budget also sets aside \$950,000 in one-time funding reserved for Open and Accountable Elections program should the program require additional resources.

The Open and Accountable Elections program will begin supporting qualified candidates in the 2020 election cycle. The current rate established by City Code allows for eligible candidates to receive a six-to-one match on individual donor contributions up to \$50.

## Significant Changes from Prior Year

On June 5, 2019, City Council updated the administrative rules for the Open and Accountable Elections Program (Ordinance 189544), including setting penalties of up to \$10,000 for violating Open and Accountable Elections Code. Any penalties collected will go into Fund 214.

The Public Election Fund is budgeted in Special Appropriations. In FY 2018-19 the Office of Management & Finance, which oversees the fund, contracted with an external organization to build the software to support the Open and Accountable Elections program.

**Managing Agency** Office of Management & Finance

# Recreational Cannabis Tax Fund

## Fund Summary

City Support Services Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Taxes	406,270	4,399,439	3,600,000	4,400,000	4,400,000	4,400,000
Miscellaneous	2	23,802	18,800	15,000	15,000	15,000
<b>Total External Revenues</b>	<b>406,272</b>	<b>4,423,241</b>	<b>3,618,800</b>	<b>4,415,000</b>	<b>4,415,000</b>	<b>4,415,000</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	0	403,377	3,904,644	3,425,744	3,425,744	3,425,744
<b>Total Resources</b>	<b>406,272</b>	<b>4,826,618</b>	<b>7,523,444</b>	<b>7,840,744</b>	<b>7,840,744</b>	<b>7,840,744</b>
<b>Requirements</b>						
Personnel Services	0	622,368	3,123,455	3,650,467	3,273,341	3,273,341
External Materials and Services	0	291,452	1,822,657	2,165,666	3,542,792	3,542,792
Internal Materials and Services	2,895	8,153	8,800	0	0	0
Capital Outlay	0	0	200,000	150,747	150,747	150,747
<b>Total Bureau Expenditures</b>	<b>2,895</b>	<b>921,973</b>	<b>5,154,912</b>	<b>5,966,880</b>	<b>6,966,880</b>	<b>6,966,880</b>
Contingency	0	0	2,368,532	1,873,864	873,864	873,864
<b>Total Fund Expenditures</b>	<b>0</b>	<b>0</b>	<b>2,368,532</b>	<b>1,873,864</b>	<b>873,864</b>	<b>873,864</b>
Ending Fund Balance	403,377	3,904,644	0	0	0	0
<b>Total Requirements</b>	<b>406,272</b>	<b>4,826,617</b>	<b>7,523,444</b>	<b>7,840,744</b>	<b>7,840,744</b>	<b>7,840,744</b>

## Fund Overview

The Recreational Cannabis Tax Fund, established by Resolution 37217, receives revenues from a 3% tax on recreational cannabis sales in the City of Portland to provide funding for the purposes identified in Section 6.07.145 of City Code and costs related to the administration of the tax. Except for those established purposes, in no case shall revenues be transferred from the Recreational Cannabis Tax Fund to the City's General Fund, or any other fund, for any other purpose.

In order to ensure clear budgetary responsibility and controls, bureau-specific sub-funds and interagency letters of agreement exist to detail the roles and responsibilities of each party. The appropriations of recreational marijuana tax revenues to support activities in the Portland Police Bureau, Portland Bureau of Transportation, and Special Appropriations.

**Managing Agency** City Budget Office

## Significant Changes from the Prior Year

Management of this fund is transferring from the Office of Management & Finance to the City Budget Office in 2019.

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Bond & Note	107,516,242	115,721,127	103,191,409	121,640,000	121,640,000	121,640,000
Miscellaneous	2,247	2,251	0	0	0	0
<b>Total External Revenues</b>	<b>107,518,489</b>	<b>115,723,378</b>	<b>103,191,409</b>	<b>121,640,000</b>	<b>121,640,000</b>	<b>121,640,000</b>
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	37,280	152,379	15,346	165,000	165,000	165,000
<b>Total Resources</b>	<b>107,555,769</b>	<b>115,875,757</b>	<b>103,206,755</b>	<b>121,805,000</b>	<b>121,805,000</b>	<b>121,805,000</b>
<b>Requirements</b>						
External Materials and Services	107,311,616	115,625,032	103,136,312	120,957,796	120,957,796	120,957,796
<b>Total Bureau Expenditures</b>	<b>107,311,616</b>	<b>115,625,032</b>	<b>103,136,312</b>	<b>120,957,796</b>	<b>120,957,796</b>	<b>120,957,796</b>
Debt Service	91,588	90,065	70,443	847,204	847,204	847,204
Fund Transfers - Expense	186	0	0	0	0	0
<b>Total Fund Expenditures</b>	<b>91,774</b>	<b>90,065</b>	<b>70,443</b>	<b>847,204</b>	<b>847,204</b>	<b>847,204</b>
Ending Fund Balance	152,379	160,659	0	0	0	0
<b>Total Requirements</b>	<b>107,555,769</b>	<b>115,875,757</b>	<b>103,206,755</b>	<b>121,805,000</b>	<b>121,805,000</b>	<b>121,805,000</b>

## Fund Overview

The Special Finance and Resource Fund primarily accounts for urban renewal debt proceeds, in which both the liability and revenue are recorded with the City and a transfer is made to Prosper Portland. Prosper Portland is responsible for managing and expending the proceeds. In accordance with Oregon Revised Statutes, a debt service fund has been set up for each of the City's urban renewal areas. The servicing of the urban renewal debt that flows through this fund occurs in the various tax increment debt service funds.

In addition to urban renewal debt, this fund also accounts for other City-issued debt when necessary. The fund currently accounts for proceeds of a state loan that are passed through to the Columbia Corridor Drainage Districts Joint Contracting Authority to pay for the cost of an engineering analysis to evaluate the condition of the levee system in Peninsula Drainage District No. 1 and No. 2.

**Managing Agency** Office of Management & Finance, Bureau of Revenue & Financial Services

## Significant Changes from Prior Year

The amounts in this fund will vary from year-to-year and are primarily driven by the capital financing needs of Prosper Portland and other City projects. The last date to issue debt for the Lents Town Center urban renewal area is June 30, 2020. The City will issue its final bonds for that urban renewal area, the proceeds of which will repay outstanding balances on lines of credit established for the area and provide funding for new capital improvements.

# Special Projects Debt Service Fund

## Fund Summary

City Support Services Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Intergovernmental	8,172,895	7,441,250	7,763,250	8,194,550	8,194,550	8,194,550
Miscellaneous	1,718,557	2,982	0	0	0	0
<b>Total External Revenues</b>	<b>9,891,452</b>	<b>7,444,232</b>	<b>7,763,250</b>	<b>8,194,550</b>	<b>8,194,550</b>	<b>8,194,550</b>
Fund Transfers - Revenue	0	0	0	103,000	103,000	103,000
<b>Total Internal Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>103,000</b>	<b>103,000</b>	<b>103,000</b>
Beginning Fund Balance	61,778	76,274	0	0	0	0
<b>Total Resources</b>	<b>9,953,230</b>	<b>7,520,506</b>	<b>7,763,250</b>	<b>8,297,550</b>	<b>8,297,550</b>	<b>8,297,550</b>
<b>Requirements</b>						
<b>Total Bureau Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Debt Service	9,876,956	7,441,250	7,763,250	8,297,550	8,297,550	8,297,550
<b>Total Fund Expenditures</b>	<b>9,876,956</b>	<b>7,441,250</b>	<b>7,763,250</b>	<b>8,297,550</b>	<b>8,297,550</b>	<b>8,297,550</b>
Ending Fund Balance	76,274	79,256	0	0	0	0
<b>Total Requirements</b>	<b>9,953,230</b>	<b>7,520,506</b>	<b>7,763,250</b>	<b>8,297,550</b>	<b>8,297,550</b>	<b>8,297,550</b>

## Fund Overview

The Special Projects Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing special projects.

This fund accounts for the allocation of resources to pay principal and interest on bonded indebtedness related to financing of the Convention Center expansion project. The resources to pay the debt service on the Convention Center expansion improvements are received from Multnomah County via the amended Visitor Facilities Intergovernmental Agreement.

**Managing Agency** Office of Management & Finance, Bureau of Revenue & Financial Services

## Significant Changes from Prior Year

The City will begin making annual debt service payments on a State loan for the Levee Ready Columbia Project beginning in December 2019. Debt service will be paid from City General Fund resources and from resources collected from other regional government partners under terms of an Intergovernmental Agreement.

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Limited Tax Revenue Bonds, 2001 Series B</b>						
<b>02/13/2001 - Due 6/1</b>	18,058,888					
		2019/20	1,457,480	5.30%	2,542,520	4,000,000
		2020/21	1,031,250	5.33%	1,968,750	3,000,000
		2021/22	802,172	5.36%	1,672,828	2,475,000
		<b>TOTAL</b>	<b>3,290,902</b>		<b>6,184,098</b>	<b>9,475,000</b>
<b>Limited Tax Revenue Refunding Bonds, 2011 Series A (Convention Center Completion Project)</b>						
<b>10/06/2011 - Due 6/1</b>	67,015,000					
		2019/20	860,000	5.00%	3,248,750	4,108,750
		2020/21	2,255,000	5.00%	3,205,750	5,460,750
		2021/22	3,005,000	5.00%	3,093,000	6,098,000
		2022/23	6,140,000	5.00%	2,942,750	9,082,750
		2023/24	6,445,000	5.00%	2,635,750	9,080,750
		2024/25	6,770,000	5.00%	2,313,500	9,083,500
		2025/26	7,115,000	5.00%	1,975,000	9,090,000
		2026/27	7,465,000	5.00%	1,619,250	9,084,250
		2027/28	7,840,000	5.00%	1,246,000	9,086,000
		2028/29	8,330,000	5.00%	854,000	9,184,000
		2029/30	8,750,000	5.00%	437,500	9,187,500
		<b>TOTAL</b>	<b>64,975,000</b>		<b>23,571,250</b>	<b>88,546,250</b>
<b>IFA Levee Loan (A140004) - projected</b>						
<b>07/01/2014 - Due 12/1</b>	1,097,552					
		2019/20	88,098	3.26%	100,156	188,254
		2020/21	154,797	3.26%	33,457	188,254
		2021/22	160,005	3.26%	28,249	188,254
		2022/23	165,294	3.26%	22,960	188,254
		2023/24	170,757	3.26%	17,497	188,254
		2024/25	176,369	3.26%	11,885	188,254
		2025/26	182,231	3.26%	6,023	188,254
		<b>TOTAL</b>	<b>1,097,552</b>		<b>220,227</b>	<b>1,317,779</b>
<b>COMBINED DEBT SERVICE</b>						
	86,171,440					
		2019/20	2,405,578		5,891,426	8,297,004
		2020/21	3,441,047		5,207,957	8,649,004
		2021/22	3,967,178		4,794,077	8,761,254
		2022/23	6,305,294		2,965,710	9,271,004
		2023/24	6,615,757		2,653,247	9,269,004
		2024/25	6,946,369		2,325,385	9,271,754
		2025/26	7,297,231		1,981,023	9,278,254
		2026/27	7,465,000		1,619,250	9,084,250
		2027/28	7,840,000		1,246,000	9,086,000

## Special Projects Debt Service Fund

## Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2028/29	8,330,000		854,000	9,184,000
		2029/30	8,750,000		437,500	9,187,500
<b>TOTAL FUND DEBT SERVICE</b>			<b>69,363,454</b>		<b>29,975,575</b>	<b>99,339,029</b>

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Charges for Services	267,719	308,167	287,232	296,840	296,840	296,840
Intergovernmental	4,852,082	4,335,043	5,343,547	5,004,570	5,636,070	5,636,070
Miscellaneous	688,407	928,328	611,417	738,881	738,881	738,881
<b>Total External Revenues</b>	<b>5,808,208</b>	<b>5,571,539</b>	<b>6,242,196</b>	<b>6,040,291</b>	<b>6,671,791</b>	<b>6,671,791</b>
Fund Transfers - Revenue	0	1,344,555	604,997	150,000	150,000	150,000
Interagency Revenue	49,728,644	56,653,596	58,893,819	64,519,102	64,528,346	64,528,346
<b>Total Internal Revenues</b>	<b>49,728,644</b>	<b>57,998,151</b>	<b>59,498,816</b>	<b>64,669,102</b>	<b>64,678,346</b>	<b>64,678,346</b>
Beginning Fund Balance	24,452,128	22,962,237	31,257,624	26,076,795	26,076,795	26,076,795
<b>Total Resources</b>	<b>79,988,980</b>	<b>86,531,927</b>	<b>96,998,636</b>	<b>96,786,188</b>	<b>97,426,932</b>	<b>97,426,932</b>
<b>Requirements</b>						
Personnel Services	27,808,356	29,515,921	32,256,337	37,486,017	37,486,017	37,486,017
External Materials and Services	20,344,352	18,363,556	29,296,808	26,995,557	27,601,813	27,601,813
Internal Materials and Services	3,912,952	3,983,076	3,730,787	4,090,070	4,090,070	4,090,070
Capital Outlay	2,254,769	374,002	2,433,449	4,692,160	5,035,833	5,035,833
<b>Total Bureau Expenditures</b>	<b>54,320,429</b>	<b>52,236,555</b>	<b>67,717,381</b>	<b>73,263,804</b>	<b>74,213,733</b>	<b>74,213,733</b>
Debt Service	542,881	595,254	647,474	686,801	686,801	686,801
Contingency	0	0	21,730,013	19,569,143	19,259,958	19,259,958
Fund Transfers - Expense	2,163,433	2,442,494	6,903,768	3,266,440	3,266,440	3,266,440
<b>Total Fund Expenditures</b>	<b>2,706,314</b>	<b>3,037,748</b>	<b>29,281,255</b>	<b>23,522,384</b>	<b>23,213,199</b>	<b>23,213,199</b>
Ending Fund Balance	22,962,237	31,257,626	0	0	0	0
<b>Total Requirements</b>	<b>79,988,980</b>	<b>86,531,929</b>	<b>96,998,636</b>	<b>96,786,188</b>	<b>97,426,932</b>	<b>97,426,932</b>

## Fund Overview

The Technology Services Fund provides technology support to all City bureaus and some non-City agencies. Fund activities are managed by the Bureau of Technology Services.

The fund's major source of revenue is service reimbursements from City bureaus and outside agencies.

**Managing Agency** Office of Management & Finance, Bureau of Technology Services

## Significant Changes from Prior Year

Enterprise Business Solutions (EBS) is now under the portfolio of the Bureau of Technology Services (BTS). Printing and Distribution's reporting structure, while continuing to exist as a separate fund, will also be under BTS. BTS has completed most of the work on its three-year Data Center Move project, but will continue to work on related follow-up projects to further ensure the safety of the City's data systems. In addition to BTS's numerous Capital Improvement Projects, a new five-year, \$6,250,000 project known as the IRNE Fiber Expansion Program, will upgrade and expand the City's fiber optic network to 5G. 5G (Generation 5) will bring greater speed, lower latency, and the ability to connect more devices simultaneously.

# Workers' Comp. Self Insurance Operating Fund

## Fund Summary

City Support Services Service Area Funds

	Actual FY 2016-17	Actual FY 2017-18	Revised FY 2018-19	Proposed FY 2019-20	Approved FY 2019-20	Adopted FY 2019-20
<b>Resources</b>						
Miscellaneous	212,596	298,828	232,853	316,458	316,458	316,458
<b>Total External Revenues</b>	<b>212,596</b>	<b>298,828</b>	<b>232,853</b>	<b>316,458</b>	<b>316,458</b>	<b>316,458</b>
Interagency Revenue	4,330,452	4,701,762	4,604,577	5,028,992	5,028,992	5,028,992
<b>Total Internal Revenues</b>	<b>4,330,452</b>	<b>4,701,762</b>	<b>4,604,577</b>	<b>5,028,992</b>	<b>5,028,992</b>	<b>5,028,992</b>
Beginning Fund Balance	14,471,420	13,942,711	13,645,924	12,537,204	12,537,204	12,537,204
<b>Total Resources</b>	<b>19,014,468</b>	<b>18,943,301</b>	<b>18,483,354</b>	<b>17,882,654</b>	<b>17,882,654</b>	<b>17,882,654</b>
<b>Requirements</b>						
Personnel Services	1,228,597	1,215,761	1,290,274	1,363,218	1,363,218	1,363,218
External Materials and Services	3,024,145	3,200,554	4,194,884	3,742,442	3,742,442	3,742,442
Internal Materials and Services	592,299	687,293	649,678	607,453	616,697	616,697
<b>Total Bureau Expenditures</b>	<b>4,845,041</b>	<b>5,103,608</b>	<b>6,134,836</b>	<b>5,713,113</b>	<b>5,722,357</b>	<b>5,722,357</b>
Debt Service	79,782	87,479	95,153	100,933	100,933	100,933
Contingency	0	0	12,139,464	11,941,823	11,932,579	11,932,579
Fund Transfers - Expense	146,934	106,290	113,901	126,785	126,785	126,785
<b>Total Fund Expenditures</b>	<b>226,716</b>	<b>193,769</b>	<b>12,348,518</b>	<b>12,169,541</b>	<b>12,160,297</b>	<b>12,160,297</b>
Ending Fund Balance	13,942,711	13,645,925	0	0	0	0
<b>Total Requirements</b>	<b>19,014,468</b>	<b>18,943,302</b>	<b>18,483,354</b>	<b>17,882,654</b>	<b>17,882,654</b>	<b>17,882,654</b>

## Fund Overview

The Workers' Compensation Self Insurance Operating Fund supports the City's self-insured workers' compensation program, including claims administration, and Citywide loss prevention.

Fund expenditures are primarily for claims-related payments. Projected claims are based on an independent actuarial study, which includes a projection for the current fiscal year and for the next five years.

The reserve requirement is derived from the annual actuarial study, which recommends a range of reserve levels needed to cover outstanding incurred liabilities. The range of estimates is produced by calculating reserves at various confidence levels (i.e., the probability that actual losses will not exceed the reserve level). Reserves are stated at a discounted level, which takes into account the interest the fund earns on the fund balance. The fund reserves are currently forecasted at a discounted confidence level of 75%. Interagency revenues are projected on a five-year basis, so that, by year five, the fund will arrive at the required claims reserve forecasted for the fifth year by the actuary. This five-year smoothing of interagency rates is designed to mitigate large fluctuations in rates from year to year.

## Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

# Bureau of Development Services

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Special Projects								
NEW - Amanda 7 & Inspections Scheduling			Total Project Cost:		5,102,648		Area: Citywide	
Confidence:		Moderate		Original Cost:		4,121,848		Objective: Replacement
Project Description								
This project is part of the Portland Online Permitting System. The FY 2018-19 budgeted amount shown for this project represents an upgrade and migration of the AMANDA software version currently used by BDS to the latest version. This latest version includes all existing functionality plus improved searching capabilities, embedded GIS, and a modern online browsing experience. Inspections scheduling automates inspection assignments, reducing manual assignment and scheduling time in the office, enabling more inspection time in the field and more balanced workloads. Future phases of the Portland Online Permitting System are currently budgeted under this project and will be spread to the projects below starting in the supplemental budget process of FY 2019-20.								
Revenue Source(s)								
This project is financed by BDS operating funds, which are generated through permit fees associated with commercial, residential, and trade permits, and land use review fees and enforcement penalties.								
Total Expenditures	0	4,121,848	5,102,648	0	0	0	0	5,102,648
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - Contractor App & Inspector App			Total Project Cost:		3,010,734		Area: Citywide	
Confidence:		Moderate		Original Cost:		3,010,734		Objective: Replacement
Project Description								
This project is part of the Portland Online Permitting System and adds applications for use by BDS inspectors and customers on mobile devices. The inspector app allows inspectors access to information in real time out in the field, and enables onsite resulting and scheduling. The contractor app will be used by BDS customers, allowing access to inspection information and results. Future phases of the Portland Online Permitting System are currently budgeted under the Amanda 7 project above and will be spread to this and other projects starting in the supplemental budget process of FY 2019-20.								
Revenue Source(s)								
This project is financed by BDS operating funds, which are generated through permit fees associated with commercial, residential, and trade permits, and land use review fees and enforcement penalties.								
Total Expenditures	0	3,010,734	0	0	0	0	0	0
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - Electronic Plan Review Phase 1			Total Project Cost:		2,496,600		Area: Citywide	
Confidence:		Moderate		Original Cost:		2,496,600		Objective: Replacement
Project Description								
This project is part of the Portland Online Permitting System. It allows for electronic submittal and review of plans. ePlans will reduce customer trips to the Development Services Center, eliminate the customer's expense of printing four sets of plans for review, allow concurrent review of plans by all reviewers, and eliminate storage needs and scanning of physical plans prior to archiving. Future phases of the Portland Online Permitting System are currently budgeted under the Amanda 7 project above and will be spread to this and other projects starting in the supplemental budget process of FY 2019-20.								
Revenue Source(s)								
This project is financed by BDS operating funds, which are generated through permit fees associated with commercial, residential, and trade permits, and land use review fees and enforcement penalties.								
Total Expenditures	0	2,496,600	0	0	0	0	0	0
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
NEW - Development Hub PDX				<b>Total Project Cost:</b>		2,368,049		
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>		2,368,049	<b>Area:</b>	Citywide
							<b>Objective:</b>	Replacement

**Project Description**

This project is part of the Portland Online Permitting System. It improves the online customer portal, allowing functionality to apply for simple permits with additional payment functionality and improved search capabilities. Future phases of the Portland Online Permitting System are currently budgeted under the Amanda 7 project above and will be spread to this and other projects starting in the supplemental budget process of FY 2019-20.

**Revenue Source(s)**

This project is financed by BDS operating funds, which are generated through permit fees associated with commercial, residential, and trade permits, and land use review fees and enforcement penalties.

<b>Total Expenditures</b>	0	2,368,049	0	0	0	0	0	0
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

# Bureau of Emergency Communications

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Safety</b>								
<b>Integrated Priority Dispatch System</b>				<b>Total Project Cost:</b>	950,000		<b>Area:</b>	Southeast
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	950,000		<b>Objective:</b>	Efficiency
<b>Project Description</b>								
The Bureau of Emergency Communications (BOEC) currently does not use an electronic, integrated with CAD, medical or fire protocol system for triaging emergency calls. This project will allow the Bureau to utilize a standardized protocol that ensures callers to 911 receive properly triaged, and prioritized service. Partner agencies will also benefit from the use of protocols that allow them to manage resources more efficiently based upon the multiple call determinants used in a protocol system. This will assist the Bureau in dispatching the most appropriate response as guided by our partner agencies. The Bureau will also benefit from an integrated quality assurance program to ensure users are following the protocols with every call.								
<b>Revenue Source(s)</b>								
Revenues from this project are made up of Public Safety Project reserves, BOEC fund balance, and partner agency contributions.								
<b>Total Expenditures</b>	0	950,000	950,000	0	0	0	0	950,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>NEW - Next Generation 911 Recording System</b>								
				<b>Total Project Cost:</b>	650,000		<b>Area:</b>	Southeast
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	650,000		<b>Objective:</b>	Efficiency
<b>Project Description</b>								
Recommendations were received by both the Matrix Staffing Study and the initial GATR session for BOEC to replace the current Pyxis recording system with a 9-1-1 industry specific solution. BOEC will be working with their current logging recorder vendor to do an in-place upgrade. The new logging recorder system will be specific to the 9-1-1 industry, and Next-Generation 9-1-1 compliant.								
<b>Revenue Source(s)</b>								
Revenues from this project are made up of Public Safety Project reserves, BOEC fund balance, and partner agency contributions.								
<b>Total Expenditures</b>	0	650,000	650,000	0	0	0	0	650,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0



# Bureau of Environmental Services

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Maintenance and Reliability</b>								
<b>Beech-Essex CP-J</b>				<b>Total Project Cost:</b>	5,030,000		<b>Area:</b>	Northeast
							Maintenance &	
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	9,010,000		<b>Objective:</b>	Repair
<b>Project Description</b>								
Reduce the risk of basement back-up to 351 parcels by constructing 11,800 linear feet of new capacity pipe, and replacing 3,700 linear feet of pipe in poor condition. Located in N/NE Portland, the project area is generally bound by Fargo, 7th, Sacramento, and Williams. The project has a positive cost to benefit ratio (CBR) = 0.51.								
<b>Revenue Source(s)</b>								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
<b>Total Expenditures</b>	114,794	300,000	3,300,000	800,000	500,000	0	0	4,600,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>Burlingame Basin Infiltration and Inflow</b>				<b>Total Project Cost:</b>	9,625,000		<b>Area:</b>	Southwest
							Maintenance &	
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	13,950,000		<b>Objective:</b>	Repair
<b>Project Description</b>								
Reduce the stormwater flow into the sanitary sewers and eliminate sanitary sewer overflows in the Burlingame basin.								
<b>Revenue Source(s)</b>								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
<b>Total Expenditures</b>	5,708,331	3,700,000	22,000	66,000	107,000	22,000	0	217,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>Capital Maintenance - Non-Process Facilities - Shell</b>				<b>Total Project Cost:</b>	Ongoing		<b>Area:</b>	Citywide
							Maintenance &	
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	Ongoing		<b>Objective:</b>	Repair
<b>Project Description</b>								
Program is for capital maintenance of BES-owned non-process facilities including the Water Pollution Control Lab, administration buildings at treatment plants, and downtown office space.								
<b>Revenue Source(s)</b>								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
<b>Total Expenditures</b>	2,264,410	2,550,000	700,000	700,000	500,000	500,000	500,000	2,900,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

NEW - CC Integrated RDII Pre-Design				Total Project Cost:	2,100,000			Area: Southwest
	Confidence:	Low		Original Cost:	2,100,000			Objective: Maintenance & Repair

**Project Description**

Rehabilitate the Public Sanitary Sewer (SS) system to eliminate overflows and enhance the storm water system.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	7,614	0	1,149,000	0	49,000	91,000	0	1,289,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - Central Tanner				Total Project Cost:	10,216,000			Area: Northwest
	Confidence:	Moderate		Original Cost:	10,216,000			Objective: Maintenance & Repair

**Project Description**

Replace 9,300 linear feet of existing 100- to 120-year old clay combined sewer pipes with larger pipes to increase hydraulic capacity. Area generally bound by NW Overton, 11th, Kearny, and 21st. Project will reduce the risk of street flooding at 35 locations and basement sewer backup risk to 112 parcels.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	0	0	0	0	60,000	1,200,000	500,000	1,760,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - Downtown Old Town (DTOT) Pipe Rehab				Total Project Cost:	62,580,000			Area: Southwest
	Confidence:	Low		Original Cost:	62,580,000			Objective: Maintenance & Repair

**Project Description**

Programmatic approach to repair and rehabilitation of sanitary and combined sewer and manholes in Downtown-Old Town.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	4,417,833	0	3,250,000	2,500,000	2,000,000	5,000,000	8,800,000	21,550,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Fanno Creek Infiltration and Inflow				Total Project Cost:	13,917,000			Area: Southwest
	Confidence:	Moderate		Original Cost:	13,917,000			Objective: Maintenance & Repair

**Project Description**

Resolve known local basement and surface flooding and reduce the risk of sanitary sewer overflows at the Fanno Pump Station. The focus of the project is the detection and removal of infiltration and inflow (I&I) on private property. Targeted conveyance improvements will address pipe capacity problems that cannot be resolved with only I&I reductions.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	1,445,519	0	861,000	1,000,000	4,000,000	2,000,000	1,303,000	9,164,000
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Hilsdale Crest RDII			Total Project Cost:		10,600,000	Area:		Southwest
Confidence:	Low		Original Cost:		6,800,000	Objective:		Mandated

**Project Description**

Project will address the implementation of sewer improvements to control the DeWitt Storm System Overflow (SSO) within the Burlingame Basin.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	463,169	4,000,000	5,400,000	650,000	50,000	0	0	6,100,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Alder: Ladd's Addition South Recon/Green Streets			Total Project Cost:		5,301,000	Area:		Southeast
Confidence:	Low		Original Cost:		4,920,000	Objective:		Maintenance & Repair

**Project Description**

Construct improvements to rehabilitate pipe segments that are in poor condition and upsize pipe segments. Install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 76 properties. The project area is generally bound by Market, 20th, Division, and 12th in SE Portland. The project has a positive cost to benefit ratio (CBR) = 0.20.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	10,041	700,000	810,000	2,250,000	650,000	380,000	500,000	4,590,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Large Diameter Sewer Rehabilitation			Total Project Cost:		106,130,000	Area:		Citywide
Confidence:	Moderate		Original Cost:		39,400,000	Objective:		Maintenance & Repair

**Project Description**

Whole pipe and spot rehabilitation of large diameter (> 36 inches) sanitary and combined sewers that are currently in poor structural condition.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	3,753,832	2,000,000	4,000,000	4,000,000	14,000,000	14,000,000	14,000,000	50,000,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised	Adopted	Capital Plan					
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
NEW - SS Protection & Stream Restoration: Lowell & Ruby Creeks			Total Project Cost:		175,000		Area:	West
	Confidence:	Low	Original Cost:		175,000		Objective:	Maintenance & Repair

**Project Description**

Determine the most cost effective and sustainable solution for implementation, operating and maintenance and watershed health of the sanitary sewer pipes that are exposed along tributaries to Fanno Creek and Stephens Creek in southwest Portland creating numerous risks.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	0	0	0	0	0	75,000	100,000	175,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Maintenance Capital - Construction - Shell			Total Project Cost:		Ongoing		Area:	Citywide
	Confidence:	Moderate	Original Cost:		Ongoing		Objective:	Maintenance & Repair

**Project Description**

The sewage and drainage collection systems develop structural and capacity problems as development occurs and the system ages. This program addresses small deficiencies in the collection system using City maintenance crews and equipment. Individual activities are determined in response to problems identified by inspection and field investigations during the year. Examples of work performed under this project include trash rack replacement, culvert replacement, sump and sediment manhole construction, manhole replacement, large spot repairs, small reconstructions, diversion modifications, deep underground repairs, and single-block sewer replacements.

**Revenue Source(s)**

Project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	2,830,296	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Maintenance Capital - Contract - Shell			Total Project Cost:		ongoing		Area:	Citywide
	Confidence:	Moderate	Original Cost:		14,500,000		Objective:	Maintenance & Repair

**Project Description**

Program supports privately-contracted maintenance repair and reconstruction projects throughout the collection system. Due to the age of much of the inventory, structural failures or near failures, localized flooding, and hydraulic capacity problems often occur during the year. Many of these are discovered through the routine sewer inspection program. During any given fiscal year, subprojects are prioritized based on the criticality and condition of the facility and the need to protect public health and property. This program number replaces E04863 which was budgeted as an ongoing program. Going forward, this program will be budgeted in 5 year increments.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	9,019,509	4,100,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted		Capital Plan			
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
NEW - Northeast Fremont			Total Project Cost:		6,221,000		Area:	Northeast
	Confidence:	Moderate		Original Cost:	6,221,000		Objective:	Maintenance & Repair
Project Description								
Replace 5,900 linear feet of existing 100-120 year old clay combined sewer pipes with larger pipes to increase hydraulic capacity. Area generally bound by NW York, 14th, Thurman, and 21st. Project will reduce the risk of street flooding at 17 locations and basement sewer backup risk to 28 parcels.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	0	528,000	558,000	1,086,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NW Thurman St Sewer Reconstruction			Total Project Cost:		7,000,000		Area:	Northwest
	Confidence:	Moderate		Original Cost:	2,542,000		Objective:	Maintenance & Repair
Project Description								
Upsize 3,100 linear feet of existing 100 year combined sewer pipes to increase hydraulic capacity in the vicinity of NW Savier, Franklin, and Thurman. Project will reduce the risk of street flooding at 16 locations and basement sewer backup risk to 35 parcels. Timing of project is in response to six reported basement sewer backups since 2008.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	397,041	960,000	5,165,000	353,000	22,000	3,000	0	5,543,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - Oak A - Collectors			Total Project Cost:		10,000,000		Area:	Northeast
	Confidence:	Low		Original Cost:	10,000,000		Objective:	Replacement
Project Description								
Increase system capacity to relieve street flooding at 54 locations and basement sewer backups at 150 properties. Located in NE Portland, the project area is generally bound by 10th, I-84, Sandy Blvd, 22nd, and Davis.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	60,000	625,000	800,000	1,000,000	2,600,000	5,085,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - Oak A - Sandy Trunk			Total Project Cost:		13,700,000		Area:	Northeast
	Confidence:	Low		Original Cost:	13,700,000		Objective:	Replacement
Project Description								
Construct a new 42-inch/48-inch trunk line in NE Portland between the intersections of NE 29th Ave/Sandy Blvd and NE 12th Ave/Davis St.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	4,716	0	850,000	1,100,000	6,000,000	2,500,000	3,200,000	13,650,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

# Bureau of Environmental Services

## Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Owner Controlled Insurance Program Phase V			Total Project Cost:		4,580,000		Area:	Citywide
Confidence:		Low		Original Cost:		1,609,000		Objective: Efficiency
Project Description								
Owner controlled insurance program for all construction projects over \$0.5 million.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	2,778,780	300,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Phase 2 Pipe Rehabilitation			Total Project Cost:		132,000,000		Area:	Citywide
Confidence:		High		Original Cost:		123,000,000		Objective: Maintenance & Repair
Project Description								
Structural rehabilitation of critical combined and sanitary sewers that are at the end of their economic life and have the highest consequence of failure. The pipes have been prioritized based on business risk exposure, so that pipes with the highest benefit (risk reduction) to cost ratios are to be done first.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	119,998,028	1,500,000	250,000	0	0	0	0	250,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Phase 3 Pipe Rehabilitation			Total Project Cost:		99,381,000		Area:	Citywide
Confidence:		Moderate		Original Cost:		155,250,000		Objective: Maintenance & Repair
Project Description								
Structural rehabilitation of critical combined and sanitary sewers that are at the end of their economic life and have the highest consequence of failure. This project is an outgrowth of the Phase 2 program.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	34,658,805	24,822,346	16,240,000	18,500,000	2,605,000	2,000,000	1,000,000	40,345,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Richmond Neighborhood Sewer Rehab/Green Streets			Total Project Cost:		4,378,000		Area:	Southeast
Confidence:		Low		Original Cost:		4,750,000		Objective: Maintenance & Repair
Project Description								
Rehabilitate approximately 1,300 feet of pipe in poor condition and upsize pipe segments. Install street stormwater controls to reduce the risk of street flooding and basement sewer backup for 143 properties. Located in SE, the area is generally bound by Hawthorne, 48th, Division, and 36th. The project has a positive cost to benefit ratio (CBR) = 0.13.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	5,408	0	366,000	3,630,000	34,000	24,000	0	4,054,000

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Slabtown Sewer Replacement			Total Project Cost:		11,150,000		Area:	Northwest
	Confidence:	Optimal		Original Cost:		11,150,000		Objective: Replacement
Project Description								
Project is a reconfiguration of portions of previously programmed work in Northwest Neighborhoods. The project is specifically targeted at the Conway Master Plan redevelopment area. Pipes in this area are typically 100-year old clay, and under capacity. The project will increase pipe capacity to address risk of sewer backups to 67 properties between NW 13th and 21st and Pettygrove and Savier.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	4,815,638	4,530,000	38,000	38,000	0	0	0	76,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Small Urgent Capacity Projects - Shell			Total Project Cost:		Ongoing		Area:	Citywide
	Confidence:	Moderate		Original Cost:		Ongoing		Objective: Maintenance & Repair
Project Description								
Program to address combined sewer capacity in areas where property owners have reported basement sewer backups, and are outside of the boundary of a project currently in the Capital Improvement Program (CIP).								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	949,506	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
South Tanner			Total Project Cost:		8,400,000		Area:	Northwest
	Confidence:	Low		Original Cost:		8,400,000		Objective: Maintenance & Repair
Project Description								
Replace pipes in poor structural condition to relieve street flooding and basement sewer backups in NW Portland. Area generally bound by Johnson, 9th, Everett, and 23rd.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	72,650	800,000	4,000,000	2,000,000	1,000,000	500,000	0	7,500,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Stark HSS-17				Total Project Cost:		11,900,000		Area: Southeast
				Original Cost:		13,242,000		Maintenance & Repair
	Confidence:	Low						Objective:

**Project Description**

Replace pipes in poor structural condition, relieve street flooding, and the risk of basement sewer backups to 304 properties. Area generally bound by NE Everett, SE/NE 32nd, SE Stark, and SE 21st. Replace 400 linear feet of poor condition pipe, upsize 10,500 linear feet of hydraulically deficient pipe, and construct new green street facilities to collect stormwater runoff from approximately 21 acres of impervious area. The project has a positive cost to benefit ratio (CBR) = 0.47.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	379,626	900,000	900,000	1,500,000	2,000,000	3,000,000	3,200,000	10,600,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Structural Rehab Taggart Outfall 30				Total Project Cost:		14,805,000		Area: Southeast
				Original Cost:		14,805,000		Maintenance & Repair
	Confidence:	Optimal						Objective:

**Project Description**

Structural rehabilitation of the Taggart Outfall, a combined brick sewer constructed in 1906. The sewer ranges in size from 64 to 118 inches in diameter, at depths of 20 to 65 feet.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	2,460,289	2,500,000	5,000,000	1,550,000	0	0	0	6,550,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Sunnyside East Recon/Green Streets				Total Project Cost:		5,710,000		Area: Southeast
				Original Cost:		2,879,000		Maintenance & Repair
	Confidence:	Optimal						Objective:

**Project Description**

Construct improvements to upsize pipe segments. Install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 90 properties. Located in SE Portland, the project area is generally bound by Stark, 45th, Taylor, and 37th. Some scope and budget transferred from E10367 Sunnyside North. The project has a positive cost to benefit ratio (CBR) = 0.56.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	1,820,759	3,831,000	29,000	5,000	0	0	0	34,000
Net Operations and Maintenance Costs	0	0	0	0	8,000	8,000	8,000	24,000

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Alder: Sunnyside North Recon/Green Streets			Total Project Cost:		16,705,000		Area:	Southeast
Confidence:			Moderate		Original Cost:		11,255,000	
							Objective:	Maintenance & Repair

**Project Description**

Construct improvements to rehabilitate pipe segments in poor condition and upsize pipe segments. Install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 318 properties. Located in SE Portland, the project area is generally bound by Stark, 37th, Taylor, and 20th. This project must be completed prior to Sunnyside South. Some scope and budget moved to E10370 Sunnyside East. The three projects have a combined positive cost to benefit ratio (CBR) = 0.18.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	1,304,403	3,950,000	3,000,000	2,000,000	3,000,000	1,400,000	0	9,400,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	5,000	5,000

Sunnyside South Recon/Green Streets			Total Project Cost:		9,600,000		Area:	Southeast
Confidence:			Low		Original Cost:		6,855,000	
							Objective:	Maintenance & Repair

**Project Description**

Construct improvement to upsize pipe segments. Install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 204 properties. Located in SE Portland, the project area is generally bound by Taylor, 45th, Hawthorne, and 29th. The project has a positive net benefit to cost ratio (nBCR) = 0.47.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	369,478	1,800,000	860,000	1,000,000	1,300,000	1,800,000	2,470,000	7,430,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - SW Terwilliger @ Northgate Pipe Repair			Total Project Cost:		6,840,000		Area:	Southwest
Confidence:			Low		Original Cost:		6,840,000	
							Objective:	Maintenance & Repair

**Project Description**

Create an alternative analysis to determine the best method for correcting the newly installed pipe in SW Terwilliger that has started to fail.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	0	0	0	0	820,000	4,000,000	2,020,000	6,840,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
NEW - Tryon SS Protection 1A TCWTP to Hwy 43			Total Project Cost:		4,200,000		Area:	Southwest
Confidence:			Low	Original Cost:		1,900,000		Objective:
Maintenance & Repair								
Project Description								
Upgrade the Tryon Creek Sewer from the Tryon Creek wastewater treatment plant approximately 1,850 feet upstream into Tryon Creek State Park.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	100,000	100,000	0	0	200,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Wheeler WHE-04			Total Project Cost:		10,925,000		Area:	Northeast
Confidence:			High	Original Cost:		10,016,000		Objective:
Maintenance & Repair								
Project Description								
Construct improvements to relieve street flooding and basement sewer backups. Area generally bound by NE Brazee, NE 7th, NE San Rafael, and the Willamette River. The project will reduce the risk of basement sewer backup to 247 properties. The project has a positive cost to benefit ratio (CBR) = 1.18.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	5,475,839	3,600,000	100,000	0	0	0	0	100,000
Net Operations and Maintenance Costs	0	0	0	5,000	5,000	5,000	5,000	20,000
Preservation & Rehabilitation								
Portland Building Rehabilitation - BES floors			Total Project Cost:		37,000,000		Area:	Central City
Confidence:			High	Original Cost:		40,000,000		Objective:
Maintenance-Preservation								
Project Description								
BES allocation of the Portland Building seismic retrofit project.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	37,000,000	0	0	0	0	37,000,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Sewage Treatment Systems								
Alder Pump Station Upgrade				Total Project Cost:	7,155,000		Area:	East
	Confidence:	Optimal		Original Cost:	4,880,000		Objective:	Maintenance & Repair
Project Description								
Project originated from the Alder Pump Station Improvement Program. Upgrading the pump station for projected future flows, and integrating operation into the eastside CSO system operation. The project will also replace all mechanical, electrical, and controls equipment.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	5,022,011	2,112,000	20,000	0	0	0	0	20,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Automation Network Reliability								
				Total Project Cost:	850,000		Area:	Citywide
	Confidence:	Optimal		Original Cost:	209,000		Objective:	Efficiency
Project Description								
As BES's fiber optic communication network has extended in area covered and in volume of traffic, it is evident that modifications are needed to improve reliability, robustness, and security.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	411,528	60,000	200,000	50,000	0	0	0	250,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - CBWTP Biogas Controls & WGB Rpl								
				Total Project Cost:	2,385,000		Area:	North
	Confidence:	Low		Original Cost:	2,385,000		Objective:	Replacement
Project Description								
Programmable Logic Controller (PLC) monitoring and controls of biogas at the plant, and replace the three existing flares.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	199,739	0	1,565,000	596,000	0	0	0	2,161,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
CBWTP Blower System/Building Improvements								
				Total Project Cost:	12,056,000		Area:	Citywide
	Confidence:	Low		Original Cost:	12,056,000		Objective:	Maintenance & Repair
Project Description								
Project replaces antiquated DeLaval blowers, building roof, and HVAC system at Columbia Boulevard Waste Water Treatment Plant (CBWTP).								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	80,000	680,000	1,400,000	1,500,000	1,500,000	5,160,000

# Bureau of Environmental Services

## Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
CBWTP Digesters 1-4 Upgrade	Total Project Cost:			14,900,000		Area:		Citywide
Confidence:	Low		Original Cost:		14,900,000		Objective:	Maintenance & Repair
Project Description	Extend the useful life of digesters and associated equipment, along with increasing digester gas storage capacity and reliability.							
Revenue Source(s)	Funded by bond proceeds repaid by sanitary sewer and stormwater rates.							
Total Expenditures	2,076	0	200,000	700,000	1,300,000	1,300,000	3,700,000	7,200,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
CBWTP Fiber System Reliability	Total Project Cost:			1,303,000		Area:		Citywide
Confidence:	Low		Original Cost:		790,000		Objective:	Expansion
Project Description	Replacement of the electrical substation which has reached the end of its useful life.							
Revenue Source(s)	Funded by bond proceeds repaid by sanitary sewer and stormwater rates.							
Total Expenditures	137,464	275,000	850,000	100,000	0	0	0	950,000
Net Operations and Maintenance Costs	0	0	0	0	5,000	5,000	5,000	15,000
CBWTP Headworks Screens Improvements	Total Project Cost:			14,143,000		Area:		Citywide
Confidence:	Low		Original Cost:		9,805,000		Objective:	Replacement
Project Description	Replace the five existing bar screens in the Headworks with screens of smaller openings to protect the downstream processes.							
Revenue Source(s)	Funded by bond proceeds repaid by sanitary sewer and stormwater rates.							
Total Expenditures	132,753	2,500,000	1,074,000	1,937,000	3,000,000	3,000,000	2,500,000	11,511,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
CBWTP Lagoon Reconstruction	Total Project Cost:			35,700,000		Area:		Citywide
Confidence:	High		Original Cost:		19,539,000		Objective:	Efficiency
Project Description	Construction of additional dikes in the existing Columbia Boulevard Waste Water Treatment Plant (CBWTP) lagoon to create more separation. The individual ponds will be lined with a monofill. Two separate phases are programmed in the 5-year CIP.							
Revenue Source(s)	Funded by bond proceeds repaid by sanitary sewer and stormwater rates.							
Total Expenditures	21,469,026	5,100,000	6,700,000	1,500,000	150,000	625,000	25,000	9,000,000
Net Operations and Maintenance Costs	0	0	0	0	0	50,000	50,000	100,000

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>CBWTP Organic Waste Receiving Facility</b>				<b>Total Project Cost:</b>	7,809,000		<b>Area:</b>	Citywide
<b>Confidence:</b>	Low			<b>Original Cost:</b>	4,838,000		<b>Objective:</b>	Expansion
<b>Project Description</b>								
Construct a facility to accept organic waste (commercial food wastes, fats, oils, and grease) and process the waste in the anaerobic digesters to produce biogas at the Columbia Boulevard Waste Water Treatment Plant (CBWTP). The biogas can be converted to renewable energy-electricity, heat, or vehicle fuel.								
<b>Revenue Source(s)</b>								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
<b>Total Expenditures</b>	596,686	675,000	2,981,000	350,000	0	0	0	3,331,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>NEW - CBWTP Residuals Handling Improvements</b>				<b>Total Project Cost:</b>	4,000,000		<b>Area:</b>	Citywide
<b>Confidence:</b>	Low			<b>Original Cost:</b>	3,750,000		<b>Objective:</b>	Replacement
<b>Project Description</b>								
Modifications to the existing Septage Receiving Station and Tipping Berm for receiving and handling residual waste streams generated in the collection system and on-site. The intent is to make a permanent facility that is operations friendly, and minimizes the risk of odor impacts to the community.								
<b>Revenue Source(s)</b>								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
<b>Total Expenditures</b>	0	0	0	500,000	800,000	1,000,000	1,700,000	4,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>NEW - CBWTP Reuse System Replacement</b>				<b>Total Project Cost:</b>	4,310,000		<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	4,310,000		<b>Objective:</b>	Replacement
<b>Project Description</b>								
Replace the reuse water system, installed in 1996, to provide reliable reuse treatment capacity at Columbia Boulevard Waste Water Treatment Plant (CBWTP). Upgrade the deep well pump controls and integrate them with the reuse system controls, providing more consistent water supply and pressure for plant processes.								
<b>Revenue Source(s)</b>								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
<b>Total Expenditures</b>	0	0	0	80,000	785,000	1,500,000	1,945,000	4,310,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>CBWTP Biogas Utilization</b>				<b>Total Project Cost:</b>	13,700,000		<b>Area:</b>	Citywide
<b>Confidence:</b>	Optimal			<b>Original Cost:</b>	5,584,000		<b>Objective:</b>	Expansion
<b>Project Description</b>								
Construct a facility at Columbia Boulevard Waste Water Treatment Plant (CBWTP) to beneficially reuse remaining unused methane gas which is a byproduct of the treatment process. This project is expected to pay for itself in 10 to 20 years.								
<b>Revenue Source(s)</b>								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
<b>Total Expenditures</b>	6,396,256	7,000,000	700,000	0	0	0	0	700,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
CBWTP Secondary Treatment Expansion Program			Total Project Cost:		145,628,000		Area:	Citywide
Confidence:		Low	Original Cost:		62,802,000		Objective:	Expansion

**Project Description**

Expand secondary treatment capacity at the Columbia Boulevard Waste Water Treatment Plant (CBWTP) to provide reliable treatment for BOD and TSS, consistent with the National Pollutant Discharge Elimination System (NPDES) permit for operating the plant. The project will add two new secondary clarifiers per the recommended phasing in the 1995 Facilities Plan and 2009 update. Project includes replacement of facilities that currently occupy the secondary expansion site and related process improvements.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	885,676	2,415,000	14,300,000	19,100,000	36,500,000	40,400,000	25,000,000	135,300,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

CBWTP Substation Replacement			Total Project Cost:		5,116,000	Area:			Citywide
Confidence:			Moderate	Original Cost:		5,055,000	Objective:		Replacement

**Project Description**

Modifications to the existing Septage Receiving Station and Tipping Berm for receiving and handling residual waste streams generated in the collection system and on-site. The intent is to make a permanent facility that is operations friendly, and minimizes the risk of odor impacts to the community.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	71,780	750,000	3,500,000	804,000	0	0	0	4,304,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

CBWTP Wash/Hypo TNL Piping Replacement			Total Project Cost:		7,123,000	Area:			Citywide
Confidence:			Moderate	Original Cost:		5,402,000	Objective:		Replacement

**Project Description**

Replacement of the wash water lines in the Silver and Blue Tunnels and the hypochlorite lines in the Silver, Blue, and Yellow Tunnels as well as in Tunnel #8, the hypo receiving building, Dry Weather Odor Control (DWOC) storage and pump rooms, and headworks.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	522,624	2,375,000	3,300,000	0	0	0	0	3,300,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised	Adopted	Capital Plan					
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
NEW - CBWTP New Willamette Building & Property Acquisition			Total Project Cost:		2,500,000		Area:	North
Confidence:		Low	Original Cost:		2,500,000		Objective:	Expansion

**Project Description**

Feasibility study for replacement and expansion on the functions currently housed in the Dodd, Administration, and Willbridge building. Also looking at potential property acquisition located adjacent to the southwest corner of Columbia Boulevard Waste Water Treatment Plant (CBWTP), across from the Union Pacific Railroad tracks.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	0	0	500,000	500,000	500,000	500,000	500,000	2,500,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - Fiber Expansion for Inverness PS &amp; POSH Fiber Rings</b>			<b>Total Project Cost:</b>		2,100,000	<b>Area:</b>			East
<b>Confidence:</b>			Moderate	<b>Original Cost:</b>		2,100,000	<b>Objective:</b>		Expansion

**Project Description**

Install additional fiber optic components to make that network more complete and robust.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	0	50,000	1,100,000	1,000,000	0	0	0	2,100,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Force Ave Pump Station Remodel</b>			<b>Total Project Cost:</b>		5,173,000	<b>Area:</b>			North
<b>Confidence:</b>			Low	<b>Original Cost:</b>		5,127,000	<b>Objective:</b>		Maintenance & Repair

**Project Description**

Project originated in the Pump Station Improvement Program. Remodel pump station for improved reliability and maintenance. Remodel includes wet well modification, new submersible pumps, onsite electrical controls building and generator shelter, and odor treatment.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	625,721	291,000	1,500,000	2,711,000	41,000	0	0	4,252,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Inverness Pump Station Force Main Improvements</b>			<b>Total Project Cost:</b>		13,434,000	<b>Area:</b>			Northeast
<b>Confidence:</b>			Low	<b>Original Cost:</b>		10,030,000	<b>Objective:</b>		Replacement

**Project Description**

This multi-phase project will first address deficiencies in the 24-inch force main, re-direct flow from the 36-inch force main, and then address deficiencies in the 36-inch line.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	39,249	1,500,000	800,000	4,300,000	2,530,000	1,000,000	2,548,000	11,178,000
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Pump Station Improvement Program - Shell	Total Project Cost:		Ongoing	Area:		Citywide Maintenance & Repair		
Confidence:	Moderate	Original Cost:		20,000,000	Objective:			

**Project Description**

Program to refurbish or upgrade pump stations that are not in compliance with present codes, are not operating in a reliable manner, need improvements because of growth in the receiving sewage basin, and/or are over 20 years old with out-of-date equipment. The approved Pump Station Improvement Plan guides the selection of projects. The City currently operates and maintains 98 pump stations. This program was developed to ensure these facilities are maintained in accordance with a scheduled plan to increase pump station reliability, reduce or avoid increases in maintenance costs, and avoid failures that could cause sewage to bypass to waterways. This program number replaces E04661 which was budgeted as an ongoing program. Going forward, this program will be budgeted in 5 year increments.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	15,851,427	6,000,000	6,000,000	6,000,000	10,000,000	10,000,000	10,000,000	42,000,000
Net Operations and Maintenance Costs	0	0	0	5,000	5,000	5,000	5,000	20,000

Repair, Rehabilitation, and Modification - Shell	Total Project Cost:		Ongoing	Area:		Citywide Maintenance & Repair		
Confidence:	Moderate	Original Cost:		Ongoing	Objective:			

**Project Description**

Repair, Rehabilitation, and Modification Program is to protect capital investments and enhance system reliability at the Columbia and Tryon Creek sewage treatment facilities. It provides best management practices to prevent violations of the National Pollutant Discharge Elimination System (NPDES) permit. Both treatment plants are aging facilities and require regular repair, rehabilitation, and modifications.

**Revenue Source(s)**

This program facilitates rapid, practical replacement of capital equipment and upgrade of aging facilities. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	20,118,199	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	5,000,000	21,000,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

SLRT/Vault Monitoring Install - Shell	Total Project Cost:		ongoing	Area:		Citywide Efficiency		
Confidence:	Low	Original Cost:		4,900,000	Objective:			

**Project Description**

The desired results of the program are to reduce the likelihood of CSO events by optimizing the existing network of sewer level remote telemetry (SLRT) stations in the city by adding leak detection alarm monitoring to air/vacuum valve installations and valve vaults located adjacent to water bodies in the city. This will update the monitoring capabilities of the existing SLRT network to match current storm and sanitary sewer flows and to minimize the severity of force main leaks at existing air/vacuum valves adjacent to water bodies.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	283,169	70,000	940,000	970,000	970,000	970,000	970,000	4,820,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>NEW - TCWTP Bankside Outfall</b>				<b>Total Project Cost:</b>	8,400,000		<b>Area:</b>	Southwest
<b>Confidence:</b>	Low			<b>Original Cost:</b>	8,400,000		<b>Objective:</b>	Replacement
<b>Project Description</b>								
Construction of new outfall to the Willamette from the Tryon Creek Wastewater Treatment Plant (TCWTP), parallel to the existing outfall.								
<b>Revenue Source(s)</b>								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
<b>Total Expenditures</b>	0	0	0	30,000	140,000	250,000	1,000,000	1,420,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>NEW - TCWTP Disinfection Improvements</b>				<b>Total Project Cost:</b>	9,600,000		<b>Area:</b>	Southwest
<b>Confidence:</b>	Low			<b>Original Cost:</b>	9,600,000		<b>Objective:</b>	Efficiency
<b>Project Description</b>								
Reconstruction of the Tryon Creek Wastewater Treatment Plant (TCWTP) disinfection system to improve system reliability and performance.								
<b>Revenue Source(s)</b>								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
<b>Total Expenditures</b>	0	0	0	70,000	300,000	950,000	3,000,000	4,320,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>TCWTP Headworks Improvements</b>				<b>Total Project Cost:</b>	79,562,000		<b>Area:</b>	Southwest
<b>Confidence:</b>	Low			<b>Original Cost:</b>	38,524,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>								
The Tryon Creek Wastewater Treatment Plant (TCWTP) Facilities Plan Update has identified needed improvements to bring the headworks process up to current treatment efficiency standards, increase peak flow hydraulic capacity, community needs, and an opportunity to improve the plant hydraulic profile.								
<b>Revenue Source(s)</b>								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates and Lake Oswego.								
<b>Total Expenditures</b>	4,911,569	4,825,000	4,160,000	18,230,000	14,210,000	18,520,000	14,530,000	69,650,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>NEW - TCWTP Second Clarifier Addition</b>				<b>Total Project Cost:</b>	1,115,000		<b>Area:</b>	Southwest
<b>Confidence:</b>	Low			<b>Original Cost:</b>	103,000		<b>Objective:</b>	Expansion
<b>Project Description</b>								
Addition of a third secondary clarifier to add redundancy and reliability under peak flow scenarios at the Tryon Creek Wastewater Treatment Plant (TCWTP).								
<b>Revenue Source(s)</b>								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
<b>Total Expenditures</b>	0	0	0	0	0	103,000	1,012,000	1,115,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised	Adopted	Capital Plan					
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
TCWTP Secondary Process Improvements				<b>Total Project Cost:</b>	6,590,000		<b>Area:</b>	Southwest
<b>Confidence:</b>	Low			<b>Original Cost:</b>	6,160,000		<b>Objective:</b>	Efficiency

**Project Description**

Improve Tryon Creek Wastewater Treatment Plant (TCWTP) secondary process treatment performance and reliability to ensure that current National Pollutant Discharge Elimination System (NPDES) permit requirements and future Willamette Basin water quality standards are met. The timing of this project is dependent upon other improvements under E10582.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	272,583	1,500,000	700,000	1,200,000	1,500,000	1,200,000	200,000	4,800,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	10,000	10,000

<b>Tryon Creek Interceptor Replacement</b>				<b>Total Project Cost:</b>	23,699,500		<b>Area:</b>	Southwest
<b>Confidence:</b>	Low			<b>Original Cost:</b>	23,699,500		<b>Objective:</b>	Replacement

**Project Description**

Replace the lower 2,600 ft of the Tryon Creek Interceptor sewer.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	37,475	2,500,000	1,200,000	1,000,000	5,000,000	1,000,000	5,000,000	13,200,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Tyron Creek Pump Station Reconstruction</b>				<b>Total Project Cost:</b>	3,828,000		<b>Area:</b>	Southwest
<b>Confidence:</b>	Low			<b>Original Cost:</b>	3,500,000		<b>Objective:</b>	Replacement

**Project Description**

Reconstruction of the Tryon Creek Pump Station to increase station form capacity from 860 gpm to 2,000 gpm and to deliver Willamette Interceptor flow from Portland and Dunthorpe-Riverdale collection system to the new headworks being constructed under Project E10582 at a higher elevation than the existing.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	27,474	500,000	500,000	1,300,000	1,300,000	200,000	0	3,300,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>CBWTP Outfall Diffusers</b>				<b>Total Project Cost:</b>	7,392,000		<b>Area:</b>	Citywide
<b>Confidence:</b>	Low			<b>Original Cost:</b>	2,169,000		<b>Objective:</b>	Expansion

**Project Description**

Extend the existing wet weather CBWTP outfall diffuser to alleviate sediment accumulation in outfall pipe

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary and stormwater rates.

<b>Total Expenditures</b>	447,205	700,000	444,000	500,000	1,000,000	1,000,000	3,300,000	6,244,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

**Surface Water Management****1% For Green - Shell**

			<b>Total Project Cost:</b>	Ongoing	<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	Ongoing	<b>Objective:</b>	Efficiency

**Project Description**

Secondary projects included within this project support construction of green street facilities in the City of Portland that manage stormwater, enhance livability, and provide other environmental benefits, such as green streets swales, curb extensions, vegetated infiltration basins, porous paving, or other facility types defined by the Sustainable Stormwater Management Program.

**Revenue Source(s)**

Funded entirely from Offsite Stormwater Management Fees and the "Percent for Green" charges assessed against eligible capital improvements constructed within the right-of-way by BES, Water and PBOT; these projects have no bond or sewer rate funding.

<b>Total Expenditures</b>	1,284,033	450,000	250,000	700,000	700,000	700,000	700,000	3,050,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Balch Creek Trash Racks Retrofit**

			<b>Total Project Cost:</b>	1,475,000	<b>Area:</b>	Northwest
<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	100,000	<b>Objective:</b>	Efficiency

**Project Description**

Maintenance of existing trash racks adjacent to the heavily used Lower Macleay trail in Forest Park. These large structures and bays keep the majority of sediment, rock, and floating debris from entering the low-pressure storm sewer that conveys Balch Creek from Forest Park (near NW 30th & Thurman) to the Willamette River at Outfall 17. Project was initially funded for pre-design only.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	367,918	277,000	500,000	500,000	0	0	0	1,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**NEW - Basin 3/Tryon Headwaters Primary**

			<b>Total Project Cost:</b>	773,000	<b>Area:</b>	Southwest
<b>Confidence:</b>	Low		<b>Original Cost:</b>	773,000	<b>Objective:</b>	Efficiency

**Project Description**

Gather and analyze data, and implement a combination of public and private actions and investments to address the stormwater management and conveyance deficiencies in a systematic approach.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	58,203	0	144,000	20,000	50,000	250,000	250,000	714,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>NEW - Citywide Sump Rehab &amp; Replacement</b>				<b>Total Project Cost:</b>	800,000		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	800,000		<b>Objective:</b>	Maintenance & Repair

### Project Description

Replace sumps failing in performance and replacing them with new sump(s) and adding sedimentation manholes where they are lacking.

### Revenue Source(s)

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	0	0	0	0	0	400,000	400,000	800,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - High Priority CMP Culvert Replacement - Shell</b>				<b>Total Project Cost:</b>	1,400,000		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	1,400,000		<b>Objective:</b>	Replacement

### Project Description

Design and construction of two culvert crossings. At 33rd, two crossing culverts will be replaced with one larger box culvert or bridge, depending on regulatory requirements. At 45th Avenue, the 24" culvert will be upsized to a 36" culvert.

### Revenue Source(s)

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	0	0	0	0	0	700,000	700,000	1,400,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Columbia Slough Outfalls</b>				<b>Total Project Cost:</b>	28,631,000		<b>Area:</b>	Northeast
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	24,708,000		<b>Objective:</b>	Efficiency

### Project Description

Program is for construction of pollution controls for separated stormwater areas flowing through 220 city-owned Columbia Slough stormwater outfalls. Focuses on the highest priority outfalls – those draining the most city-owned impervious area.

### Revenue Source(s)

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	5,299,160	150,000	3,500,000	3,000,000	3,500,000	3,500,000	4,500,000	18,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	5,000	8,000	10,000	12,000	35,000

<b>Culverts Phase 3</b>				<b>Total Project Cost:</b>	10,746,000		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	14,400,000		<b>Objective:</b>	Replacement

### Project Description

Third phase of culverts replacements, consisting of five individual projects, to be constructed over multiple fiscal years.

### Revenue Source(s)

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	0	300,000	200,000	1,590,000	250,000	1,000,000	1,000,000	4,040,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
NEW - Errol Heights Stormwater LID				Total Project Cost:		2,049,000		
	Confidence:	Moderate		Original Cost:		2,049,000	Area:	Southeast Maintenance & Repair
				Objective:				

**Project Description**

LID in Errol Heights to improve streets and add stormwater infrastructure.

**Revenue Source(s)**

BES portion funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	8,556	0	1,500,000	540,000	0	0	0	2,040,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Fanno Beaverton Hillsdale Hwy				Total Project Cost:		3,977,000	Area:	Southwest
	Confidence:	Optimal		Original Cost:		1,040,000	Objective:	Efficiency

**Project Description**

Construct stormwater treatment facilities to control flow and pollutants entering into Fanno Creek from the 2.6 mile section of Beaverton-Hillsdale Hwy between SW Sunset and 65th Ave. Pollutants targeted for removal will be total suspended solids and phosphorous. This project will significantly address the City's regulatory obligation under the Total Maximum Daily Load (TMDL) and benefit native Cutthroat Trout found in Fanno Creek.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	1,460,322	300,000	200,000	1,000,000	1,000,000	0	0	2,200,000
Net Operations and Maintenance Costs	0	0	0	0	0	8,000	8,000	16,000

Fanno/Tryon Drainage Shoulder Improvements				Total Project Cost:		4,622,460	Area:	Southwest
	Confidence:	Low		Original Cost:		4,932,000	Objective:	Efficiency

**Project Description**

Drainage shoulder improvements Convert high priority City maintained roadside ditches to swales in the Fanno and Tryon Creek watersheds. Up to 60,000 feet of roadside ditches will be converted to swales to manage stormwater runoff from impervious roadway and adjacent development. These priority roads were identified in the Fanno/Tryon Water Quality and Total Maximum Daily Load (TMDL) Pre-Design.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	0	133,000	521,000	681,000	681,000	0	0	1,883,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

# Bureau of Environmental Services

## Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Green Infrastructure: Land Acquisition			Total Project Cost:		26,400,000		Area:	Citywide
Confidence:		Moderate	Original Cost:		30,509,900		Objective:	Efficiency

### Project Description

This program is focused on protection and restoration of Portland's rivers and watersheds reflecting City Council's vision of how Portland should reduce the City's stormwater footprint.

### Revenue Source(s)

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	10,350,355	45,000	366,000	0	0	0	0	366,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Hwy 43 Tryon Creek Culvert			Total Project Cost:		630,000	Area:		Southwest	
Confidence:			Low	Original Cost:		630,000	Objective:		Efficiency

### Project Description

Replacement of the Tryon Creek culvert under Highway 43 to improve hydrology and fish passage. In partnership with Lake Oswego and potentially the Army Corps of Engineers.

### Revenue Source(s)

Funded by bond proceeds repaid by sanitary sewer and stormwater rates, Lake Oswego and the Army Corps of Engineers.

<b>Total Expenditures</b>	0	150,000	250,000	230,000	0	0	0	480,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

NEW - Stormwater Investments in Inter-bureau Projects - Shell			Total Project Cost:		1,000,000	Area:		Citywide
								Maintenance &
Confidence:		Low	Original Cost:		1,000,000	Objective:		Repair

### Project Description

Invest in integrated projects delivering multiple infrastructure and service improvements to Portlanders in a more integrated and efficient manner.

### Revenue Source(s)

BES portion funded by bond proceeds repaid by sanitary sewer and stormwater rates, in addition to, revenues from PBOT, LID's, PP&R and TriMet.

<b>Total Expenditures</b>	0	0	0	0	0	500,000	500,000	1,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Johnson Creek River Mile 9.6 Floodplain Restoration			Total Project Cost:		2,463,000	Area:		Southeast	
Confidence:			Low	Original Cost:		2,000,000	Objective:		Maintenance & Repair

### Project Description

Provide floodplain restoration on multiple parcels along Johnson Creek near river mile 9.6. Approximately 9.5 acres of floodplain will be restored to reduce flooding, improve water quality, and ESA habitat.

### Revenue Source(s)

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	270,622	600,000	250,000	1,000,000	322,000	0	0	1,572,000
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Capital Program	Revised		Adopted		Capital Plan			
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	10,000	10,000	20,000

Johnson Creek Willing Seller Phase 2			Total Project Cost: 43,000,000		Area: Southeast	
Confidence:		High	Original Cost: 40,000,000		Objective: Efficiency	

**Project Description**

Acquisition of properties from willing sellers in four target areas of high value for Johnson Creek floodplain restoration. The properties are land banked until enough contiguous property has been acquired to proceed with restoration. Program allows residents in high risk areas to sell their property at fair market, creates projects that increase flood storage and conveyance capacity while enhancing fish and wildlife habitat, and creates wetlands and passive recreation activities.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	6,136,594	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000	4,500,000	8,500,000
Net Operations and Maintenance Costs	0	0	0	50,000	55,000	60,000	65,000	230,000

Johnson Creek Oxbow			Total Project Cost:		5,495,000	Area:		Southeast
Confidence:		Low	Original Cost:		1,396,000	Objective:		Expansion

**Project Description**

Improvements to increase flood storage and improve habitat at the Johnson Creek Oxbow.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	381,874	200,000	200,000	400,000	500,000	500,000	500,000	2,100,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - Water Quality Feasibility Study for Lents Outfalls			Total Project Cost:	250,000	Area:	Southeast
Confidence:	Low		Original Cost:	250,000	Objective:	Efficiency

**Project Description**

Assess the feasibility of improving water quality at two locations on Johnson Creek, ultimately to mitigate localized flooding and water quality risks for the benefit of the community and aquatic and terrestrial species that reside in Johnson Creek.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	0	0	0	0	0	125,000	125,000	250,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

# Bureau of Environmental Services

## Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
NEW - Luther Road Channel Restoration			Total Project Cost:		2,168,000		Area:	Southeast
Confidence:			Moderate		Original Cost:		2,168,000	
Objective:							Maintenance & Repair	
Project Description								
Geomorphic & habitat assessment to develop and implement a permanent repair to the channel to protect the existing sanitary sewer infrastructure within the project area.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	385,832	500,000	1,300,000	50,000	0	0	0	1,350,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - Reveg Plant Est Umbrella FY19&20 - Shell			Total Project Cost:		ongoing		Area:	Citywide
Confidence:			Moderate		Original Cost:		ongoing	
Objective:							Expansion	
Project Description								
Umbrella for post-construction plant establishment on multiple CIP projects. Replaces previous shell E10969.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	26,229	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - Rocky Butte Stormwater Plan			Total Project Cost:		385,000		Area:	Northeast
Confidence:			Low		Original Cost:		385,000	
Objective:							Replacement	
Project Description								
Feasibility study to deliver a stormwater master plan of the area that will identify and address all the stormwater deficiencies. The master plan will quantify all the private property issues, interdependencies between private and public stormwater assets, and make recommendations for addressing those deficiencies.								
Revenue Source(s)								
Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	0	185,000	200,000	385,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Johnson Creek Springwater Wetland			Total Project Cost:		3,567,000		Area:	Southeast
Confidence:			Moderate		Original Cost:		535,000	
Objective:							Mandated	
Project Description								
Mitigate damage from Springwater Wetland flooding greater than the 10-year event and provide water quality and habitat benefits by restoring existing wetlands in the area. Passive recreational trails/facilities will be incorporated and coordinated with Portland Parks and Recreation.								
Revenue Source(s)								
Funded by US Army Corps of Engineers and bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	171,420	100,000	700,000	650,000	650,000	650,000	650,000	3,300,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Stephens Creek Ph 1 Improvements				Total Project Cost:		5,543,000		Area: Southwest
	Confidence:	Low		Original Cost:		13,650,000		Objective: Efficiency

**Project Description**

Address stormwater issues in the Stephens Creek sub-watershed: (1) unmanaged stormwater discharge from existing impervious surfaces; (2) pollution reduction and detention of stormwater; (3) restoration of ecological functions of riparian and wetland areas; (4) energy dissipation at outfalls causing erosion and excess sediment loading.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	1,277,116	500,000	1,000,000	1,000,000	1,000,000	755,000	0	3,755,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - Stephens Creek Phase 2 Improvements				Total Project Cost:		1,000,000		Area: Southwest
	Confidence:	Low		Original Cost:		1,000,000		Maintenance & Repair

**Project Description**

The Stephens Creek Stormwater System Plan (SCSWSP) incorporates a programmatic approach to identify and recommend improvements to the stormwater system, including both natural and built assets.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	0	0	0	0	0	500,000	500,000	1,000,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

SW Capitol Hwy Stormwater Improvements				Total Project Cost:		12,057,000		Area: Southwest
	Confidence:	Low		Original Cost:		10,587,000		Objective: Efficiency

**Project Description**

Stormwater improvements along SW Capitol Hwy and local side streets. Within Tryon, Falling, Woods, and Vermont Creek basins to address drainage and conveyance deficiencies, along with recurring nuisance flooding issues.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	1,149,076	1,540,000	2,000,000	4,982,000	2,385,000	0	0	9,367,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>NEW - SW Corridor BES Systems Development Project</b>			<b>Total Project Cost:</b>		1,929,000	<b>Area:</b> Southwest		
<b>Confidence:</b> Low			<b>Original Cost:</b>		1,929,000	<b>Objective:</b> Expansion		

**Project Description**

BES infrastructure planning requirements in response to the development of the SW Corridor Plan and Light Rail Train (LRT). As part of the SW Corridor Plan developed by Metro, TriMet plans to construct a 12-mile LRT Max line from downtown Portland to Bridgeport Village. In addition to the light rail construction, Station Access Projects (SAPs) will be constructed where the train stop. The SAPs are designed for multi-modal access (bike, pedestrian, and vehicle) to the light rail and economic development. The train track alignment known as the Locally Preferred Alternative (LPA) will be finalized October of 2018 and project construction is scheduled to begin in 2023.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	178,179	0	500,000	500,000	250,000	250,000	250,000	1,750,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - SW Shattuck Rd Culvert Replacement</b>			<b>Total Project Cost:</b>		1,214,000	<b>Area:</b> Southwest		
<b>Confidence:</b> Low			<b>Original Cost:</b>		1,214,000	<b>Objective:</b> Replacement		

**Project Description**

Replace the culvert on Fanno Creek under SW Shattuck Road to increase hydraulic capacity and provide for fish passage.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	0	0	0	0	103,000	98,000	98,000	299,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Watershed Investment Program - Shell</b>			<b>Total Project Cost:</b>		Ongoing	<b>Area:</b> Citywide		
<b>Confidence:</b> Moderate			<b>Original Cost:</b>		Ongoing	<b>Objective:</b> Efficiency		

**Project Description**

Program funds watershed enhancements. Priority is given to projects that leverage other funding sources and/or address multiple watershed health goals.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	5,966,993	1,500,000	1,000,000	1,000,000	1,000,000	2,000,000	2,500,000	7,500,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	10,000	10,000	10,000	10,000	40,000

<b>Watershed Land Acquisition Program</b>			<b>Total Project Cost:</b>		10,750,000	<b>Area:</b> Citywide		
<b>Confidence:</b> Low			<b>Original Cost:</b>		15,500,000	<b>Objective:</b> Efficiency		

**Project Description**

Program targets the acquisition of 100 to 200 acres over five years to protect medium to high functioning natural resources in support of watershed health and stormwater management.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	5,253	2,000,000	250,000	250,000	250,000	800,000	3,000,000	4,550,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	25,000	30,000	35,000	40,000	130,000

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>West Lents Floodplain Restoration</b>				<b>Total Project Cost:</b>	6,500,000		<b>Area:</b>	Southeast
<b>Confidence:</b>		Low		<b>Original Cost:</b>	6,500,000		<b>Objective:</b>	Expansion

**Project Description**

Project will restore the floodplain of Johnson Creek to address flooding, improve water quality and restore habitat within West Lents. To date, the City has acquired approximately 15 acres of property within the West Lents area. Near term acquisition and ROW vacation would increase the area to approximately 19 acres. The initial phase of this project will develop and evaluate alternatives for restoring floodplains within the larger study area (approximately 36 acres), and identify immediate implementation opportunities and potential project phasing.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	25,336	400,000	400,000	500,000	1,500,000	1,500,000	1,500,000	5,400,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**NEW - Willamette R. and Columbia Sl. Water Resources Development**

<b>Total Project Cost:</b>	300,000	<b>Area:</b>	North
<b>Confidence:</b>	Low	<b>Original Cost:</b>	300,000
		<b>Objective:</b>	Mandated

**Project Description**

Feasibility study looking at improvements to the stormwater system function, water quality and habitat restoration projects in the Willamette River and Columbia Slough including Rivergate Quarry, NW 60th Place, and NW Saltzman Trash Rack. Package approved as part of the Water Infrastructure Improvements for the Nation Act of 2016 (WIIN) which included the 2016 Water Resources Development Act (WRDA).

**Revenue Source(s)**

Funded by Water Infrastructure Improvements for the Nation Act of 2016 (WIIN) which included the 2016 Water Resources Development Act (WRDA).

<b>Total Expenditures</b>	0	0	0	0	0	0	300,000	300,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Systems Development****Drainage Improvement - Shell**

<b>Total Project Cost:</b>	Ongoing	<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate	<b>Original Cost:</b>	Ongoing
		<b>Objective:</b>	Expansion

**Project Description**

Drainage Improvement Program provides assistance to projects initiated through Local Improvement District (LID) or Public Works Permits processes for oversizing of storm drainage facilities or upgrading of existing public downstream drainage systems. Oversizing increases capacity over the expected useful life of the facilities. It may also be used for small, urgent stormwater improvements.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	43,636	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>NEW - ECIMS EnvCompliance Information Management System</b>			<b>Total Project Cost:</b>		2,523,000		<b>Area:</b>	Citywide
<b>Confidence:</b> Moderate			<b>Original Cost:</b>		2,523,000		<b>Objective:</b>	Replacement

### Project Description

Replace the Aquarius System developed in 1995 with an off the shelf system. The system is based on tools no longer in use and support is limited in the software development community.

### Revenue Source(s)

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	863,497	547,654	552,980	558,649	0	0	0	1,111,629
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - NE 47th Ave: Buffalo - Crystal Sanitary Sewer</b>			<b>Total Project Cost:</b>		667,000		<b>Area:</b>	Northeast
<b>Confidence:</b> Moderate			<b>Original Cost:</b>		667,000		<b>Objective:</b>	Expansion

### Project Description

Approximately 675' of 8" gravity sanitary sewer main and approximately 80' of 6" service lateral. Also, approximately 710' of 4" sanitary force main.

### Revenue Source(s)

BES portion funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	66,773	0	600,000	0	0	0	0	600,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Party Sewers</b>			<b>Total Project Cost:</b>		Ongoing		<b>Area:</b>	Citywide
<b>Confidence:</b> Moderate			<b>Original Cost:</b>		Ongoing		<b>Objective:</b>	Efficiency

### Project Description

The Party Sewers Program addresses existing "party sewers" – shared private sewer lines crossing private property (often without appropriate easements) or existing within the right-of-way. These sewers are older and generally have not been maintained. Over several years, this project will provide each property owner with direct access to a municipal sewer line or ensure that the property has acquired an easement for a separated private line. Most of the construction costs up to a capped amount will be reimbursed by property owners to the City through an LID assessment, or through an in-lieu of assessment line charge.

### Revenue Source(s)

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	5,418,183	1,000,000	1,000,000	1,500,000	1,800,000	2,000,000	2,500,000	8,800,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>PBOT Interagency Reimbursement - Shell</b>			<b>Total Project Cost:</b>		Ongoing		<b>Area:</b>	Citywide
<b>Confidence:</b> Moderate			<b>Original Cost:</b>		Ongoing		<b>Objective:</b>	Expansion

### Project Description

PBOT Interagency Reimbursement Program provides for stormwater facility and sanitary sewer design, design review, and construction inspection services associated with street improvement projects initiated by PBOT.

### Revenue Source(s)

PBOT requests necessary services and reimburses BES for all costs of these services through an interagency agreement.

<b>Total Expenditures</b>	326,797	500,000	350,000	350,000	350,000	350,000	350,000	1,750,000
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Permit Reimbursement - Shell			Total Project Cost:		Ongoing	Area:		Citywide
Confidence:	Optimal		Original Cost:		Ongoing	Objective:		Replacement

**Project Description**

This project allows a developer to be reimbursed for making public sewer available to another property, per City Code Title 17.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	366,982	550,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Public Works Permit Projects			Total Project Cost:		Ongoing	Area:		Citywide
Confidence:	Low		Original Cost:		Ongoing	Objective:		Expansion

**Project Description**

This ongoing, full-cost recovery program supports new development by providing for new public sewer system facilities through the public works permitting process. When proposed development creates the need for additional sewer system facilities, private developers are required to construct those facilities under this program. As part of the permit process, BES reviews and approves both plans and final construction for compliance with system standards. Facilities developed through this process are accepted as part of the City's sewerage system when completed and approved and thereafter maintenance and repair are provided by the City. Facilities must be developed to system standards to ensure that expensive future maintenance problems and service failures do not occur.

**Revenue Source(s)**

All bureau costs are reimbursed by the developer.

Total Expenditures	0	500,000	850,000	850,000	850,000	850,000	850,000	4,250,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Sewer Easements on Existing Sewers - Shell			Total Project Cost:		Ongoing	Area:		Citywide
Confidence:	Low		Original Cost:		Ongoing	Objective:		Expansion

**Project Description**

Sewer easements on existing sewers for high priority acquisitions. The bureau regularly discovers locations where collection system assets are on private property, without benefit of appropriate easements or other property interests.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Expenditures	0	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>NEW - Sewer Extension &amp; Strmwtr Progs Intgd Sys Imps</b>				<b>Total Project Cost:</b>	1,000,000		<b>Area:</b>	Southeast
<b>Confidence:</b>	Low			<b>Original Cost:</b>	1,000,000		<b>Objective:</b>	Expansion

**Project Description**

Identify stormwater projects, in conjunction with sewer extension projects, that minimize risks and maximize customer service for both systems. In addition, street improvements may be necessary for the effectiveness of stormwater system improvements, as well as providing additional benefit to the community.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	0	0	0	0	0	500,000	500,000	1,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Sewer Extensions for High Risk Septic - Shell</b>				<b>Total Project Cost:</b>	Ongoing		<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	Ongoing		<b>Objective:</b>	Expansion

**Project Description**

This program funds small sanitary sewer extension projects to provide sanitary sewer service to developed residential properties with septic systems. Projects will be prioritized based on risk.

**Revenue Source(s)**

Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

<b>Total Expenditures</b>	285,787	800,000	1,500,000	1,200,000	1,000,000	1,000,000	500,000	5,200,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

# Portland Fire & Rescue

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Acquisitions</b>								
<b>NEW - Mobile Technology Improvements</b>				<b>Total Project Cost:</b>	\$550,000		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	\$490,000		<b>Objective:</b>	Replacement
<b>Project Description</b>								
This project will enhance three parts of PF&R's mobile computing technology. \$350,000 will purchase and implement a new Fire Inspection Software application to improve code enforcement operations. The new software will allow inspectors to access information and enter data in the field, provide a customer portal for access to fire inspection data, and prioritize inspections based on risk. \$20,000 will allow PF&R's vehicle-mounted Mobile Data Computers (MDCs) to connect to the city network and \$120,000 will install high-speed wifi connections at PF&R's stations. These two improvements will allow MDCs to be updated via wifi on a regular basis.								
<b>Revenue Source(s)</b>								
The projects are funded through Public Safety Project reserve funds.								
<b>Total Expenditures</b>	0	550,000	0	0	0	0	0	0
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>Facilities</b>								
<b>Station 1 Solar Power Installation</b>				<b>Total Project Cost:</b>	\$98,000		<b>Area:</b>	Southwest
	<b>Confidence:</b>	High		<b>Original Cost:</b>	\$98,000		<b>Objective:</b>	Sustainability
<b>Project Description</b>								
This projects installs solar panels on the roof of Station 1 and a battery to store the energy to provide a backup power source.								
<b>Revenue Source(s)</b>								
This project is funded through a combination of grant funds and the bureau's existing General Fund allocation.								
<b>Total Expenditures</b>	0	55,686	0	0	0	0	0	0
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>Safety</b>								
<b>Self-Contained Breathing Apparatus Replacement</b>				<b>Total Project Cost:</b>	\$3,000,000		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	\$3,000,000		<b>Objective:</b>	Replacement
<b>Project Description</b>								
SCBAs are a required piece of personal protective equipment which provide breathable air in any dangerous atmosphere. PF&R last purchased SCBAs in 2002, and some parts have recently been experiencing up to a 30% failure rate. Replacing this equipment is essential to ensuring firefighter wellness and responsiveness. This project will replace PF&R's entire inventory with new SCBA equipment that meets current standards to ensure the safety and health of firefighters while they are responding to emergencies. The project is funded through a combination of General Fund capital set-aside, General Fund discretionary, and the realignment of a portion of the bureau's internal General Fund resources.								
<b>Revenue Source(s)</b>								
The SCBA replacement is funded through a combination of federal grant funds and General Fund.								
<b>Total Expenditures</b>	0	0	1,807,000	0	0	0	0	1,807,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0



# Portland Housing Bureau

Capital Program	Revised		Adopted	Capital Plan					
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total	
Acquisitions									
3000 SE Powell Boulevard			Total Project Cost:		5,250,000		Area:	Southeast	
Confidence:		Low		Original Cost:		4,499,000		Objective:	Expansion
Project Description									
This property was acquired in August 2017. Current project costs reflect that this property is being prepared to become a project funded through Affordable Housing Bond proceeds. As such, remaining capital costs will be limited to the acquisition and applicable predevelopment work									
Revenue Source(s)									
Housing Investment Fund, Housing GO Bond									
Total Expenditures	3,548,844	303,913	0	0	0	0	0	0	
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0	
East Burnside Apartments									
			Total Project Cost:		14,378,900		Area:	Southeast	
Confidence:		High		Original Cost:		14,700,888		Objective:	Expansion
Project Description									
The East Burnside Apartments were purchased in 2018. It was a newly completed building purchased post-construction. It contains 51 units, including 9 PSH units. This property is a project funded through Affordable Housing Bond proceeds.									
Revenue Source(s)									
Interim Financing, Housing GO Bonds									
Total Expenditures	14,378,900	12,400	0	0	0	0	0	0	
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0	
NE Prescott Property									
			Total Project Cost:		560,800		Area:	Southeast	
Confidence:		Moderate		Original Cost:		Objective:		Expansion	
Project Description									
This property was purchased in 2018, and could accommodate as many as 75 units of affordable housing. Current project costs reflect that this property is being prepared to become a project funded through Affordable Housing Bond proceeds. As such, remaining capital costs will be limited to the acquisition and applicable predevelopment work.									
Revenue Source(s)									
Interim Financing, Housing GO Bond									
Total Expenditures	84,752	455,000	0	0	0	0	0	0	
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Westwind Apartments</b>				<b>Total Project Cost:</b>	4,441,000		<b>Area:</b>	Northwest
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>			<b>Objective:</b>	GRO: New

**Project Description**

The Westwind Apartments were acquired in 2018 and provide 70 units of affordable housing. Current project costs reflect that this property is being prepared to become a project funded through Affordable Housing Bond proceeds. As such, remaining capital costs will be limited to the acquisition and applicable predevelopment work.

**Revenue Source(s)**

Downtown Waterfront URA, Housing GO Bond

<b>Total Expenditures</b>	3,001,401	3,800,000	680,000	0	0	0	0	680,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Buildings**

<b>Joyce Hotel</b>				<b>Total Project Cost:</b>	6,000,000		<b>Area:</b>	Central City
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	10,920,000		<b>Objective:</b>	Expansion

**Project Description**

The Joyce Hotel was acquired in 2016. Current project costs reflect that this building will be renovated to preserve the existing 69 units of affordable housing in the downtown core as part of the Affordable Housing Bond. As such, remaining capital costs will be limited to the acquisition and applicable predevelopment work.

**Revenue Source(s)**

South Park Blocks URA, Housing GO Bonds

<b>Total Expenditures</b>	10,808,332	1,850,000	500,000	0	0	0	0	500,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

# Office of Management & Finance

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>BTS</b>								
<b>Cherwell Capability Expansion</b>				<b>Total Project Cost:</b>	3,138,771		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	50,000		<b>Objective:</b>	Efficiency
<b>Project Description</b>								
This project will continue the BTS Support Center's build-out of the Cherwell Help Desk system, adding an Information Technology Service Management (ITSM) solution for Enterprise use. This system will improve the customer experience through use of a single interface, integrating the service catalog, leveraging with other systems, integrating functions currently performed by other systems, and empowering customers with more self-serve tools.								
<b>Revenue Source(s)</b>								
Technology Reserves								
<b>Total Expenditures</b>	1,292,035	341,936	468,600	489,000	182,400	182,400	182,400	1,504,800
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>Enterprise Mobility Management</b>				<b>Total Project Cost:</b>	785,702		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	87,500		<b>Objective:</b>	Efficiency
<b>Project Description</b>								
This phase of Enterprise Mobility Management includes a pilot project and implementation of mobile data management to manage the City's non-Windows 10 mobile devices. This will include work necessary for building out BTS capabilities with Netmotion to make it available Citywide. It also includes work supporting Police mobility to fully license the infrastructure to support smart phones and tablets in the Police Bureau to Criminal Justice Information Services (CJIS) Security Policy standards.								
<b>Revenue Source(s)</b>								
Prior year carryover funds								
<b>Total Expenditures</b>	227,185	258,517	300,000	0	0	0	0	300,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>Enterprise Network Technology Refresh</b>				<b>Total Project Cost:</b>	7,060,375		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	2,913,500		<b>Objective:</b>	Replacement
<b>Project Description</b>								
This project establishes a six-year lifecycle replacement program for network switch and router equipment, providing a technology refresh for the City's computer network infrastructure.								
<b>Revenue Source(s)</b>								
Technology Reserves								
<b>Total Expenditures</b>	5,655,083	914,396	223,996	218,900	221,000	176,000	0	839,896
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
I-Net Capital Improvements				Total Project Cost:		1,144,900	Area: Citywide	
	Confidence:		Low	Original Cost:		500,000	Objective: Replacement	
Project Description								
The I-Net Capital Improvements project will increase capacity on the core network in order to raise bandwidth for I-Net participants without increasing customer monthly rates. Additionally, the project will include lifecycle replacement on related Customer Premise Equipment to the latest generation, higher capacity switches.								
Revenue Source(s)								
Customer Funded								
Total Expenditures	0	513,400	631,500	0	0	0	0	631,500
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
IRNE Construction - Fiber								
			Total Project Cost:		3,403,895	Area: Citywide		
		Confidence:	High	Original Cost:		742,906	Objective: Replacement	
Project Description								
This project appropriates funding for future fiber builds. Anticipated project expenses will Include feasibility studies, fiber optic builds, including placement of conduit, fiber, vaults, splicing, construction of building entrances, and fiber management installation on an as-needed basis.								
Revenue Source(s)								
Technology Reserves								
Total Expenditures	926,209	997,686	900,000	500,000	200,000	200,000	200,000	2,000,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - IRNE Fiber Expansion Program								
			Total Project Cost:		6,250,000	Area: Citywide		
		Confidence:	Low	Original Cost:		6,250,000	Objective: Replacement	
Project Description								
This project will prepare the City for 5G by building a new fiber optic network. The new network will provide increased bandwidth needed for Smart Cities and digital initiatives.								
Revenue Source(s)								
Technology Reserves								
Total Expenditures	0	0	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	6,250,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
IRNE Network Technology Refresh								
			Total Project Cost:		6,477,117	Area: Citywide		
		Confidence:	Moderate	Original Cost:		653,316	Objective: Replacement	
Project Description								
This project includes capital and lifecycle improvements to the existing Integrated Regional Network Enterprise (IRNE) infrastructure. Work includes capacity upgrades and end-of-life equipment replacement. Upgrades are needed in order to provide the capacity to meet current and future IRNE and wide area network bandwidth requirements and maintain reliability, functionality, and vendor support.								
Revenue Source(s)								
Interagency Revenues and Technology Reserves								
Total Expenditures	2,494,261	427,877	1,554,979	1,000,000	1,000,000	0	0	3,554,979
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

**Mobile Application Management**

				<b>Total Project Cost:</b>	584,400		<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	125,000		<b>Objective:</b>	Efficiency

**Project Description**

This project establishes a Mobile Applications platform that will allow BTS to deliver mobile applications to City customers. The Citywide IT strategic plan identifies mobility as one of the highest priority initiatives. This platform will allow for standards-based development, maintenance, and consistent support across the enterprise.

**Revenue Source(s)**

Technology Reserves

<b>Total Expenditures</b>	0	324,400	50,000	50,000	50,000	50,000	60,000	260,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Office 365 Implementation**

				<b>Total Project Cost:</b>	2,202,068		<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	1,753,265		<b>Objective:</b>	Efficiency

**Project Description**

This project will continue the City's transition to Office 365 by taking advantage of new and changing online services. Focus will be on implementing additional collaboration tools such as SharePoint, Teams, Groups, Planner, and others. The project will include proof of concept efforts, governance model design and implementation, training, user education, and communication.

**Revenue Source(s)**

Technology Reserves

<b>Total Expenditures</b>	1,311,818	143,000	176,000	247,250	204,000	60,000	60,000	747,250
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Police Office 365**

				<b>Total Project Cost:</b>	200,000		<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	100,000		<b>Objective:</b>	Efficiency

**Project Description**

The initial proof-of-concept for this project was not 100% successful. The project, to move the Portland Police Bureau to Office 365, has now been moved forward to FY 2020-21. Funding will be to purchase licenses for pilot users and cover expenses while in both on-premise and cloud-based Office 365.

**Revenue Source(s)**

Technology Reserves

<b>Total Expenditures</b>	1,163	98,837	0	100,000	0	0	0	100,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Web Site Replacement</b>				<b>Total Project Cost:</b>	1,935,988		<b>Area:</b>	Citywide
	<b>Confidence:</b>	High		<b>Original Cost:</b>	1,475,020		<b>Objective:</b>	Efficiency

**Project Description**

This project replaces the in-house developed City website content management system (CMS) with technology that meets the dynamic needs of the City's online presence. CMS is a computer application that supports the creation and modification of digital content. Benefits of the new system will include easier inclusion of new features and changes, better support of application frameworks and web browsers, improved security, and more effective management and sharing of digital assets.

**Revenue Source(s)**

Technology Reserves

<b>Total Expenditures</b>	399,371	647,197	244,200	409,820	235,400	0	0	889,420
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**NEW - Public Safety Data Center**

				<b>Total Project Cost:</b>	1,304,250		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	1,304,250		<b>Objective:</b>	Replacement

**Project Description**

This project will initially provide a network link to the City's primary data center and transition public safety secondary systems to that location. That will serve as a short-term solution to protecting public safety data. The project will then establish a longer term solution by creating a secondary data center for public safety servers and data.

**Revenue Source(s)**

Technology reserves and Interagency Revenues

<b>Total Expenditures</b>	0	0	429,000	451,500	423,750	0	0	1,304,250
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**NEW - Public Safety Failover Expansion**

				<b>Total Project Cost:</b>	300,000		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	300,000		<b>Objective:</b>	Expansion

**Project Description**

This project would provide data center hardware and software funding to allow for the future expansion of the Public Safety program's capability for disaster recovery.

**Revenue Source(s)**

Technology Reserves

<b>Total Expenditures</b>	0	0	100,000	100,000	50,000	25,000	25,000	300,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Replace Telecomm Management System**

				<b>Total Project Cost:</b>	1,009,716		<b>Area:</b>	Southeast
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	294,000		<b>Objective:</b>	Replacement

**Project Description**

This project replaces StellarRad with a comprehensive and forward-looking Telecomm Management System. This system will serve to organize and streamline customer support and delivery processes, and will automate financial accounting functions.

**Revenue Source(s)**

Technology Reserves

<b>Total Expenditures</b>	175,710	59,006	675,000	100,000	0	0	0	775,000
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

<b>SAN Storage Expansion</b>			<b>Total Project Cost:</b>		9,275,086	<b>Area:</b>		Citywide
<b>Confidence:</b>	Moderate		<b>Original Cost:</b>		4,751,326	<b>Objective:</b>		Replacement

**Project Description**

This project provides increased capacity of centralized storage and enterprise backup to meet demand from projects and existing data growth.

**Revenue Source(s)**

Interagency Revenues

<b>Total Expenditures</b>	4,923,239	600,000	403,847	648,000	1,185,600	1,327,200	187,200	3,751,847
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - Secondary Data Center</b>			<b>Total Project Cost:</b>		873,000	<b>Area:</b>		Citywide
<b>Confidence:</b>	Moderate		<b>Original Cost:</b>		873,000	<b>Objective:</b>		Replacement

**Project Description**

This project will follow on the successful completion of the Data Center Move project. The project will allow for the deployment of appropriate firewall, VPN, and multi-factor technologies to provide remote access to City resources at the secondary data center in the event the primary data center is unavailable.

**Revenue Source(s)**

Data Center Funding

<b>Total Expenditures</b>	0	0	609,000	264,000	0	0	0	873,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Smart Card Technology</b>			<b>Total Project Cost:</b>		277,600	<b>Area:</b>		Southeast
<b>Confidence:</b>	Low		<b>Original Cost:</b>		200,000	<b>Objective:</b>		Replacement

**Project Description**

This project is to implement Smart Card technology which will provide for dual authentication for mobile devices such as laptops and tablets. Smart Card technology would further secure sensitive City functions in compliance with Payment Card Industry (PCI), Personally Identifiable Information (PII), federal, state and local laws and regulations.

**Revenue Source(s)**

Technology Reserves

<b>Total Expenditures</b>	0	0	0	106,900	56,900	56,900	56,900	277,600
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - P&amp;D Print Management System</b>			<b>Total Project Cost:</b>		471,648	<b>Area:</b>		Citywide
<b>Confidence:</b>	Moderate		<b>Original Cost:</b>		353,736	<b>Objective:</b>		Expansion

**Project Description**

This project will implement a print management system for City multi-function devices (MFD's). A print management system will allow City employees to print to any City MFD from any location. The employee would swipe their identification card or enter a code to print their documents. This will result in secure printing, better tracking of copier usage, less paper usage, and improved administration of the City's system of MFD's.

**Revenue Source(s)**

This project is funded with Printing and Distribution Fund cash and bond sale proceeds.

<b>Total Expenditures</b>	0	387,224	235,244	0	0	0	0	235,244
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

<b>NEW - Video Centralized Management Upgrade</b>			<b>Total Project Cost:</b>	550,000			<b>Area:</b>	Citywide
<b>Confidence:</b>	Low		<b>Original Cost:</b>	100,000			<b>Objective:</b>	Efficiency

**Project Description**

The City's video security systems have now been upgraded to IP (Internet Protocol) based rather than analog based. These new systems require more support for upgrades, monitoring and repairs. This project will allow for centralized software to support automated patching, monitoring and response, reducing technician time in resolving issues on-site. In addition, camera and recorder traffic will be routed to a virtual local area network requiring dedicated switches to restrict traffic from the core network.

**Revenue Source(s)**

Technology Reserves

<b>Total Expenditures</b>	0	0	150,000	100,000	100,000	100,000	100,000	550,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Wireless Network Expansion</b>			<b>Total Project Cost:</b>	1,444,879			<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	240,000			<b>Objective:</b>	Replacement

**Project Description**

This project deploys Wi-Fi network coverage in City buildings and facilities with a six-year replacement plan and funding model. Replacement of existing secure and public Wi-Fi access points and expansion of secure and public Wi-Fi network coverage throughout the Police Bureau with a five-year replacement plan and funding model.

**Revenue Source(s)**

Technology Reserves

<b>Total Expenditures</b>	971,371	99,400	34,400	34,400	100,000	65,000	100,000	333,800
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - Workflow Application</b>			<b>Total Project Cost:</b>	494,500			<b>Area:</b>	Citywide
<b>Confidence:</b>	Low		<b>Original Cost:</b>	255,500			<b>Objective:</b>	Efficiency

**Project Description**

This project would replace the existing TRACK-IT system with an Enterprise Business Process Management (BPM) platform. TRACK-IT, a 20-year old internally developed application, is outdated and difficult to support. The replacement BPM will enable the City to create process/work flows to enable collaboration and more efficient City services.

**Revenue Source(s)**

Technology Reserves

<b>Total Expenditures</b>	0	0	195,500	184,000	115,000	0	0	494,500
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

**CityFleet****NEW - FY 2019-20 City Fleet Vehicles Replacement**

			<b>Total Project Cost:</b>	200,480		<b>Area:</b>	Central City
<b>Confidence:</b>	High		<b>Original Cost:</b>	200,480		<b>Objective:</b>	Replacement

**Project Description**

Scheduled vehicle and equipment replacement for several divisions in the Office of Management and Finance including Printing and Distribution, Bureau of Technology Services, CityFleet, and Facilities Services. This project is funded by interagency revenues.

**Revenue Source(s)**

This project is funded by interagency revenues.

<b>Total Expenditures</b>	0	0	200,480	0	0	0	0	200,480
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Replace and Construct Fueling Stations**

			<b>Total Project Cost:</b>	13,620,155		<b>Area:</b>	Central City
<b>Confidence:</b>	Low		<b>Original Cost:</b>	13,620,155		<b>Objective:</b>	Expansion

**Project Description**

Based on results from a recently completed Citywide project ranking process, the City of Portland has identified a need to replace an aging fueling system infrastructure at five locations across the city. These locations include SW First and Jefferson garage, Interstate Yard, Mt Tabor Yard, Columbia Blvd Wastewater Treatment Plant, and Penumbra Kelly Building. The total cost of these replacements is estimated at \$9.7 million (low confidence). Additionally, the Bureau of Emergency Management has identified a need to increase emergency preparedness by developing fueling sites on the west side of the Willamette and east of Highway 205. These projects are estimated at \$3.9 million (low confidence).

**Revenue Source(s)**

The program will be funded through cash received from the General Fund in FY 2014-15 (\$1.2 million) and a debt financing (\$12.4 million).

<b>Total Expenditures</b>	1,907,033	4,738,441	6,014,331	0	0	0	5,952,295	11,966,626
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**NEW - FY 2019-20 Fire Vehicle Replacement**

			<b>Total Project Cost:</b>	64,073		<b>Area:</b>	Central City
<b>Confidence:</b>	High		<b>Original Cost:</b>	64,073		<b>Objective:</b>	Replacement

**Project Description**

Scheduled replacement of vehicles and equipment for the Fire Bureau.

**Revenue Source(s)**

This project is funded by interagency revenues.

<b>Total Expenditures</b>	0	0	64,073	0	0	0	0	64,073
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**NEW - FY 2019-20 BDS Vehicle Replacement**

			<b>Total Project Cost:</b>	107,693		<b>Area:</b>	Central City
<b>Confidence:</b>	High		<b>Original Cost:</b>	107,693		<b>Objective:</b>	Replacement

**Project Description**

Scheduled replacement of vehicles and equipment for the Bureau of Development Services.

**Revenue Source(s)**

This project is funded by interagency revenues.

<b>Total Expenditures</b>	0	0	107,693	0	0	0	0	107,693
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - FY 2019-20 Golf Vehicle Replacement				Total Project Cost:	18,460		Area:	Central City
Confidence:		High		Original Cost:	18,460		Objective:	Replacement
Project Description								
Scheduled replacement of vehicles and equipment for the Golf Fund.								
Revenue Source(s)								
This project is funded by interagency revenues.								
Total Expenditures	0	0	18,460	0	0	0	0	18,460
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - FY 2019-20 Parks Vehicle Replacement				Total Project Cost:	1,068,690		Area:	Central City
Confidence:		High		Original Cost:	1,068,690		Objective:	Replacement
Project Description								
Scheduled replacement of vehicles and equipment for the Parks Bureau.								
Revenue Source(s)								
This project is funded by interagency revenues.								
Total Expenditures	0	0	1,068,690	0	0	0	0	1,068,690
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - FY 2019-20 PBOT Vehicle Replacement				Total Project Cost:	3,134,543		Area:	Central City
Confidence:		High		Original Cost:	3,134,543		Objective:	Replacement
Project Description								
Scheduled replacement of vehicles and equipment for Portland Bureau of Transportation.								
Revenue Source(s)								
This project is funded by interagency revenues.								
Total Expenditures	0	0	3,134,543	0	0	0	0	3,134,543
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - FY 2019-20 Police Vehicle Replacement				Total Project Cost:	\$3,303,942		Area:	Central City
Confidence:		High		Original Cost:	\$3,303,942		Objective:	Replacement
Project Description								
Scheduled replacement of vehicles and equipment for the Police Bureau. This project is funded by interagency revenues.								
Revenue Source(s)								
This project is funded by interagency revenues.								
Total Expenditures	0	0	3,303,942	0	0	0	0	3,303,942
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Construct Building at SW 4th and Montgomery</b>			<b>Total Project Cost:</b>		20,580,000		<b>Area:</b>	Southwest
<b>Confidence:</b>			High	<b>Original Cost:</b>		20,580,000	<b>Objective:</b>	Growth

**Project Description**

In partnership with Portland State University (PSU), the City is participating in the redevelopment of the "Jasmine Block" property at SW 4th and Montgomery. The project is slated for completion in 2020. The City is expected to own at least 30,000 square feet of space in the building to be constructed by PSU at SW 4th and Montgomery. This property was identified as a key redevelopment priority in 2014 by the City, Prosper Portland, and PSU.

**Revenue Source(s)**

Bonds and cash from the General Fund

<b>Total Expenditures</b>	897,948	19,712,300	3,787,211	0	0	0	0	3,787,211
<b>Net Operations and Maintenance Costs</b>	0	0	0	680,817	680,817	680,817	680,817	2,723,268

<b>Portland Community College HVAC Centralization</b>			<b>Total Project Cost:</b>		1,000,000		<b>Area:</b>	Southeast
<b>Confidence:</b>			Low	<b>Original Cost:</b>		1,000,000	<b>Objective:</b>	Replacement

**Project Description**

This project designs and constructs a central plant HVAC system to serve all of the rooms collectively. This would create dedicated HVAC equipment for the collective use and allow for future telecommunications loads and needed redundancy. A central plant system eliminates the overall risk to the individual rooms due to isolated equipment failures. The funding source for this project is a one-time surcharge to rental rates paid by tenants (Bureau of Emergency Communications and Bureau of Technology Services).

**Revenue Source(s)**

This project is funded from Facilities major maintenance reserves.

<b>Total Expenditures</b>	0	900,000	0	0	0	0	0	0
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Portland Building Reconstruction Project</b>			<b>Total Project Cost:</b>		195,000,000		<b>Area:</b>	Southwest
<b>Confidence:</b>			Moderate	<b>Original Cost:</b>		195,000,000	<b>Objective:</b>	Maintenance-Preservation

**Project Description**

In October 2015, City Council approved Resolution #37158 in which OMF was directed to complete the Portland Building Reconstruction project by the year 2020 for a cost not to exceed \$195 million.

**Revenue Source(s)**

This project is funded using \$9,750,000 in cash, and \$185,250,000 in debt financing.

<b>Total Expenditures</b>	129,162,300	92,842,749	61,138,383	470,643	0	0	0	61,609,026
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Portland Building Technology Project				<b>Total Project Cost:</b>	3,573,780		<b>Area:</b>	Southwest
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	3,573,780		<b>Objective:</b>	Expansion

**Project Description**

This Portland Building technology project includes three technology projects for the reconstructed Portland Building. The three projects are audio/visual technologies for meeting rooms, a room scheduling system, and a digital signage system.

**Revenue Source(s)**

This project is included in the \$195 million Portland Building reconstruction project and is funded with cash (5%) and bonds (95%).

<b>Total Expenditures</b>	2,136,707	2,680,335	2,091,967	0	0	0	0	2,091,967
<b>Net Operations and Maintenance Costs</b>	0	0	0	779,000	779,000	779,000	779,000	3,116,000

<b>Space Optimization</b>				<b>Total Project Cost:</b>	18,858,000		<b>Area:</b>	Southwest
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	18,858,000		<b>Objective:</b>	Growth

**Project Description**

The Space Optimization Project was approved by City Council in March 2017. The project will complete the build out of tenant space in the reconstructed Portland Building and install modern furniture systems to maximize the number of City employees in the building. This will allow the City to avoid external leasing costs and make the best use of the building.

**Revenue Source(s)**

The project is funded with cash from tenant funds and a debt sale. Debt service will be included in downtown office space blended rental rate.

<b>Total Expenditures</b>	9,968,679	5,000,000	8,889,321	0	0	0	0	8,889,321
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - City Hall Audio and Visual Upgrades</b>				<b>Total Project Cost:</b>	483,206		<b>Area:</b>	Southwest
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	483,206		<b>Objective:</b>	Maintenance & Repair

**Project Description**

This project will provide upgrades to City Hall's audio / visual hardware and technology.

**Revenue Source(s)**

Major Maintenance Reserves

<b>Total Expenditures</b>	15,000	0	468,206	0	0	0	0	468,206
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

**Accounting****CAFR Software Future Replacement**

			<b>Total Project Cost:</b>	98,500		<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	98,500		<b>Objective:</b>	Efficiency

**Project Description**

This software program is used to compile the annual Comprehensive Annual Financial Report (CAFR). The software receives data from SAP and organizes it into the required format for governmental fund accounting. Use of a robust technology tool is instrumental in gaining efficiency and accuracy in the process. Estimate of FY 2023-24 to replace system implemented in FY 2018-19.

**Revenue Source(s)**

General Fund, interagency revenue, and/or technology reserve funds.

<b>Total Expenditures</b>	0	0	0	0	0	0	98,500	98,500
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**CAFR Software Replacement**

			<b>Total Project Cost:</b>	184,500		<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	184,500		<b>Objective:</b>	Expansion

**Project Description**

A software program is used to compile the annual Comprehensive Annual Financial Report (CAFR). The software receives data from SAP and organizes it into the required format for governmental fund accounting. Use of a robust technology tool is instrumental in gaining efficiency and accuracy in the process. The current solution is very cumbersome and needs to be replaced, in order to achieve maximum efficiency.

**Revenue Source(s)**

Accounting CIP Budget

<b>Total Expenditures</b>	0	23,500	0	0	0	0	0	0
<b>Net Operations and Maintenance Costs</b>	0	0	0	16,000	16,480	16,974	17,484	66,938

**EBS****NEW - Enterprise Asset Management - Real Estate Implementation**

			<b>Total Project Cost:</b>	288,104		<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	288,104		<b>Objective:</b>	Expansion

**Project Description**

This project will provide the City with the functionality needed to meet the new lease accounting requirements for Governmental Accounting Standards Boards Statement No. 87 (GASB-87). GASB-87 requires all leases to be reported as capital leases and eliminates the classification of an operating lease, unless the lease is short-term.

**Revenue Source(s)**

EBS Reserves

<b>Total Expenditures</b>	0	200,000	88,104	0	0	0	0	88,104
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Enterprise Asset Management				Total Project Cost:		2,195,318	Area:	Citywide
	Confidence:	Low		Original Cost:		2,200,000	Objective:	Expansion

**Project Description**

This project is designed to address three issues: An internal audit report expressed concerns regarding policy, central management, and inventory of real property holdings; outside auditor comments regarding financial reporting of real property; and an upgrade of the Facilities Services work order system.

**Revenue Source(s)**

EBS Reserves

Total Expenditures	5,590	0	0	0	1,551,401	638,327	0	2,189,728
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

**NEW - SAP Suite on HANA**

		Total Project Cost:	2,191,000	Area:	Citywide
Confidence:	Moderate	Original Cost:	2,191,000	Objective:	Expansion

**Project Description**

This project will keep the City's SAP system current by positioning it to move to SAP's In-Memory HANA database, titled Suite on HANA. Moving to Suite on HANA will address several current business needs including: a more modern user interface available on desktops, tablets and mobile devices; increased throughput; and improved analytics.

**Revenue Source(s)**

EBS Reserves

Total Expenditures	0	0	1,952,400	238,600	0	0	0	2,191,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

**Public Finance and Treasury****DBC Finance**

		Total Project Cost:	76,041	Area:	Citywide
Confidence:	Optimal	Original Cost:		Objective:	Replacement

**Project Description**

DBC Finance is Debt Management's primary bond modeling and debt analysis tool. Many of the City's projects are funded by debt financings and this software subscription is critical to the capital planning and execution of debt financing within the City. DBC provides automated debt sizing and streamlined analysis for debt decision making.

**Revenue Source(s)**

Interagency funding.

Total Expenditures	0	0	14,500	0	0	0	0	14,500
Net Operations and Maintenance Costs	0	0	0	14,935	15,383	15,845	16,320	62,483

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
GovInvest				Total Project Cost:		105,856		Area: Central City
	Confidence:	High		Original Cost:		50,050		Objective: Efficiency

**Project Description**

GovInvest is an actuarial modeling and visualization software for pension and other-post-employment benefits (OPEB). liabilities. The City has significant long-term obligations for pension liabilities (FPDR) and OPEB. It is critical that CBO, BHR (Health Fund and Labor Relations), FPDR and BRFS staff have tools to conduct real-time "what if" analyses of these liabilities, and the ability to visually present these analyses to policy makers. FPDR and BHR each contract with their respective actuary for biennial actuarial valuations, but neither firm offers the ability to do "what if" analyses online in real time.

**Revenue Source(s)**

Treasury and IA's with CBO, HR, FPDR

Total Expenditures	0	37,538	34,248	0	0	0	0	34,248
Net Operations and Maintenance Costs	0	0	0	35,275	36,333	0	0	71,608

**Procurement**

Procurement Services Technology Update Project				Total Project Cost:		1,619,275		Area: Citywide
	Confidence:	High		Original Cost:		1,619,275		Objective: Efficiency

**Project Description**

In FY 2018-19, Procurement Services completed the installation of proprietary software programs related to vendor registration, bidding, and compliance tracking, including Disadvantaged, Minority-Owned, Women-Owned, Emerging Small Business (DMWESB) compliance. The new programs overcome significant limitations of previous programs, resulting in major business process efficiencies. A critical need for the necessary tools and reporting capability to provide contracting data to its customers and the public in a timely manner has been realized. In order to make optimum use of the programs, Procurement Services must have adequate funding for user fees, employee training and software upgrades, including future purchases of modular functionality. Financial projections address full system upgrades.

**Revenue Source(s)**

Technology Replacement Account and Bureau interagency revenue.

Total Expenditures	0	0	0	0	0	564,275	0	564,275
Net Operations and Maintenance Costs	0	0	0	211,000	211,000	211,000	211,000	844,000

NEW - B2G / LCP Tracker				Total Project Cost:		940,630		Area: Central City
	Confidence:	High		Original Cost:		940,630		Objective: Efficiency

**Project Description**

This project replaced software used in the Procurement Services division for tracking contractor compliance with procurement requirements. The ongoing operations and maintenance and future replacement of the system is budgeted under project S00059.

**Revenue Source(s)**

General Fund, interagency revenue, and/or technology reserve funds.

Total Expenditures	0	90,892	0	0	0	0	0	0
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0



# Portland Parks & Recreation

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Acquisitions</b>								
<b>Central City Park Acquisition</b>				<b>Total Project Cost:</b>	Ongoing		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	Ongoing		<b>Objective:</b>	GRO: New
<b>Project Description</b>								
Acquisitions to be determined.								
<b>Revenue Source(s)</b>								
These projects are funded with System Development Charges.								
<b>Total Expenditures</b>	0	7,000,000	7,012,000	0	0	0	0	7,012,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	560,960	0	0	0	560,960
<b>Non Central City Park Acquisitions Program</b>								
				<b>Total Project Cost:</b>	Ongoing		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	Ongoing		<b>Objective:</b>	GRO: New
<b>Project Description</b>								
Acquisitions to be determined.								
<b>Revenue Source(s)</b>								
These projects are funded with System Development Charges.								
<b>Total Expenditures</b>	0	3,975,000	3,975,000	0	0	0	0	3,975,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	80,000	0	0	0	80,000
<b>Buildings &amp; Pools</b>								
<b>Auto Locking Restrooms</b>				<b>Total Project Cost:</b>	625,000		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	625,000		<b>Objective:</b>	Growth
<b>Project Description</b>								
The project uses new, emerging technologies to automate the nightly locking of PP&R restrooms and gates for safety reasons.								
<b>Revenue Source(s)</b>								
This project is funded with one-time General Fund and System Development Charges.								
<b>Total Expenditures</b>	175,000	500,000	450,000	0	0	0	0	450,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	31,250	0	0	0	31,250
<b>Replace Colwood Storage-Phase I</b>								
				<b>Total Project Cost:</b>	98,378		<b>Area:</b>	Northeast
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	98,378		<b>Objective:</b>	Replacement
<b>Project Description</b>								
Replace Colwood storage building. Phase I.								
<b>Revenue Source(s)</b>								
This project's initial phase is funded with insurance proceeds, as the original building was damaged in a fire.								
<b>Total Expenditures</b>	0	0	70,000	0	0	0	0	70,000

# Portland Parks & Recreation

## Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Net Operations and Maintenance Costs</b>	0	0	0	4,919	0	0	0	4,919
<b>Connect MAC Roof Drain</b>				<b>Total Project Cost:</b>	30,000		<b>Area:</b>	Southwest
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	30,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>								
Connect MAC Roof Drain								
<b>Revenue Source(s)</b>								
This project is funded with General Fund Major Maintenance resources.								
<b>Total Expenditures</b>	0	0	30,000	0	0	0	0	30,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	1,500	0	0	0	1,500
<b>Couch Park Loo</b>				<b>Total Project Cost:</b>	577,388		<b>Area:</b>	Northwest
	<b>Confidence:</b>	High		<b>Original Cost:</b>	577,388		<b>Objective:</b>	Replacement
<b>Project Description</b>								
Add a Portland Loo near the existing restroom building. Convert the existing restroom to maintenance and recreation support functions only. Correct ADA deficiencies in the pavement immediately surrounding the restroom building and Loo.								
<b>Revenue Source(s)</b>								
Funded by 2014 general obligation bonds.								
<b>Total Expenditures</b>	377,388	400,000	200,000	0	0	0	0	200,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	46,191	0	0	0	46,191
<b>NEW - Install ADA Improvements at East Portland CC</b>				<b>Total Project Cost:</b>	100,000		<b>Area:</b>	East
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	100,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>								
Implement ADA improvements at East Portland Community Center.								
<b>Revenue Source(s)</b>								
Funded with 2014 general obligation bonds.								
<b>Total Expenditures</b>	0	0	100,000	0	0	0	0	100,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	5,000	0	0	0	5,000
<b>EPCC Pool Replaster</b>				<b>Total Project Cost:</b>	365,000		<b>Area:</b>	East
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	315,000		<b>Objective:</b>	Maintenance-Safety
<b>Project Description</b>								
This project repairs the plaster in the East Portland Community Center Pool.								
<b>Revenue Source(s)</b>								
This project is funded with General Fund Major Maintenance.								
<b>Total Expenditures</b>	215,000	315,000	150,000	0	0	0	0	150,000

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	18,250	0	0	0	18,250

Evaluate Lan Su Roof			Total Project Cost:		15,000	Area: Central City		
	Confidence:	Moderate	Original Cost:		15,000	Objective: Maintenance & Repair		

**Project Description**

Evaluate the condition of the roof at the Lan Su Chinese Garden.

**Revenue Source(s)**

This project is funded with General Fund Major Maintenance resources.

Total Expenditures	5,000	0	10,000	0	0	0	0	10,000
Net Operations and Maintenance Costs	0	0	0	750	0	0	0	750

Evaluate Peninsula Park CC Roof			Total Project Cost:		15,000	Area: Northeast		
	Confidence:	Moderate	Original Cost:		15,000	Objective: Maintenance & Repair		

**Project Description**

Evaluate Peninsula Park Community Center roof.

**Revenue Source(s)**

This project is funded with General Fund Major Maintenance resources.

Total Expenditures	5,000	0	10,000	0	0	0	0	10,000
Net Operations and Maintenance Costs	0	0	0	750	0	0	0	750

Forestry HQ Replacement			Total Project Cost:		700,736	Area: North		
	Confidence:	High	Original Cost:		7,356,000	Objective: Replacement		

**Project Description**

Replace the Forestry Headquarters including sitework, new administrative and office building, and demolition of the old facility.

**Revenue Source(s)**

Funded by a portion of the annual General Fund major maintenance allocation and Urban Forestry Trust funds. This project is complemented by a project that is building a new maintenance and vehicle facility, funded by one-time capital set aside and 2014 general obligation bond funding.

Total Expenditures	653,858	280,000	46,000	0	0	0	0	46,000
Net Operations and Maintenance Costs	0	0	0	35,037	0	0	0	35,037

Health, Safety, Environmental Capital Imprvmnts			Total Project Cost:		203,000	Area: Citywide		
	Confidence:	Low	Original Cost:		203,000	Objective: Maintenance & Repair		

**Project Description**

This project undertakes a series of work to improve the health, safety, and environment of Parks' visitors and employees, such as Hazardous Materials testing at community centers.

**Revenue Source(s)**

This project is funded with one-time capital set aside resources.

Total Expenditures	122,053	203,000	80,000	0	0	0	0	80,000
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# Portland Parks & Recreation

## Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Net Operations and Maintenance Costs</b>	0	0	0	10,150	0	0	0	10,150

<b>Charles Jordan Mechanical Room Fire Protection</b>	<b>Total Project Cost:</b>		150,000	<b>Area:</b>		North		
<b>Confidence:</b>	Moderate	<b>Original Cost:</b>		150,000	<b>Objective:</b>		Maintenance & Repair	

### Project Description

Install fire protection in Charles Jordan Community Center's mechanical room.

### Revenue Source(s)

This project is funded with General Fund Major Maintenance resources.

<b>Total Expenditures</b>	0	0	150,000	0	0	0	0	150,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	7,500	0	0	0	7,500

<b>Multnomah Arts Center Seismic Improvements</b>	<b>Total Project Cost:</b>		1,000,000	<b>Area:</b>		Southwest		
<b>Confidence:</b>	Moderate	<b>Original Cost:</b>		1,000,000	<b>Objective:</b>		Maintenance & Repair	

### Project Description

Complete seismic improvements at Multnomah Arts Center.

### Revenue Source(s)

Funded with 2014 general obligation bonds.

<b>Total Expenditures</b>	300,000	900,000	700,000	0	0	0	0	700,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	50,000	0	0	0	50,000

<b>Major Maintenance</b>	<b>Total Project Cost:</b>		Ongoing	<b>Area:</b>		Citywide		
<b>Confidence:</b>	High	<b>Original Cost:</b>		Ongoing	<b>Objective:</b>		Maintenance-Preservation	

### Project Description

The funding addresses capital maintenance projects with an ongoing budget appropriation.

### Revenue Source(s)

Funded with General Fund Major Maintenance.

<b>Total Expenditures</b>	0	687,036	1,836,507	0	0	0	0	1,836,507
<b>Net Operations and Maintenance Costs</b>	0	0	0	131,935	0	0	0	131,935

<b>Matt Dishman Electrical</b>	<b>Total Project Cost:</b>		250,000	<b>Area:</b>		Northeast		
<b>Confidence:</b>	Moderate	<b>Original Cost:</b>		250,000	<b>Objective:</b>		Maintenance & Repair	

### Project Description

This project upgrades electrical service at Matt Dishman Community Center.

### Revenue Source(s)

Funded by 2014 general obligation bonds.

<b>Total Expenditures</b>	30,000	250,000	220,000	0	0	0	0	220,000
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**Project Detail**
**Portland Parks & Recreation**

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	12,500	0	0	0	12,500
Matt Dishman Roof				Total Project Cost:	500,000	Area: Northeast		
	Confidence:	Moderate		Original Cost:	500,000	Objective: Maintenance & Repair		
Project Description								
Repairs the roof at Matt Dishman Community Center.								
Revenue Source(s)								
Funded by 2014 general obligation bonds.								
Total Expenditures	200,000	490,000	300,000	0	0	0	0	300,000
Net Operations and Maintenance Costs	0	0	0	25,000	0	0	0	25,000
Montavilla Community Center Roof				Total Project Cost:	1,300,000	Area: Northeast		
	Confidence:	Moderate		Original Cost:	1,300,000	Objective: Maintenance & Repair		
Project Description								
Repairs Montavilla Community Center Roof.								
Revenue Source(s)								
Funded by 2014 general obligation bonds.								
Total Expenditures	120,000	1,000,000	1,000,000	180,000	0	0	0	1,180,000
Net Operations and Maintenance Costs	0	0	0	65,000	0	0	0	65,000
Repair/Replace Mt Scott CC Fire Alarm Panel				Total Project Cost:	50,000	Area: Southeast		
	Confidence:	Moderate		Original Cost:	50,000	Objective: Maintenance & Repair		
Project Description								
Repair/Replace Mt Scott CC Fire Alarm Panel								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	50,000	0	0	0	0	50,000
Net Operations and Maintenance Costs	0	0	0	2,500	0	0	0	2,500
Mt Scott CC Improvements				Total Project Cost:	15,249,451	Area: Southeast		
	Confidence:	Moderate		Original Cost:	15,000,000	Objective: Maintenance & Repair		
Project Description								
Improve the Mt Scott CC building.								
Revenue Source(s)								
This project is funded by the Build Portland bond.								
Total Expenditures	449,451	300,000	1,000,000	7,000,000	6,000,000	800,000	0	14,800,000

# Portland Parks & Recreation

## Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Net Operations and Maintenance Costs</b>	0	0	0	750,000	0	0	0	750,000
<b>Mt Tabor Yard Maintenance Facility</b>				<b>Total Project Cost:</b>	8,181,007		<b>Area:</b>	Southeast
<b>Confidence:</b>	High			<b>Original Cost:</b>	7,490,145		<b>Objective:</b>	Replacement
<b>Project Description</b>	Remove old and build a new shop and office facility for MTY work units.							
<b>Revenue Source(s)</b>	Funded by 2014 general obligation bonds.							
<b>Total Expenditures</b>	1,181,007	4,000,000	2,000,000	4,000,000	1,000,000	0	0	7,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	444,050	0	0	0	444,050
<b>Multnomah Arts Center ADA Upgrades</b>				<b>Total Project Cost:</b>	450,000		<b>Area:</b>	Southwest
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	450,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>	Improves Multnomah Arts Center's paths of travel and interior spaces.							
<b>Revenue Source(s)</b>	Funded by 2014 general obligation bonds.							
<b>Total Expenditures</b>	86,000	450,000	364,000	0	0	0	0	364,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	22,500	0	0	0	22,500
<b>Portland Children's Museum Asbestos Abatement</b>				<b>Total Project Cost:</b>	250,000		<b>Area:</b>	Northwest
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	250,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>	Removes asbestos coverings at the Children's Museum.							
<b>Revenue Source(s)</b>	Funded with General Fund Capital Set-Aside resources.							
<b>Total Expenditures</b>	0	250,000	250,000	0	0	0	0	250,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	12,500	0	0	0	12,500
<b>Peninsula Pool Improvements</b>				<b>Total Project Cost:</b>	3,200,000		<b>Area:</b>	Northeast
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	3,700,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>	This project upgrades pool mechanical systems.							
<b>Revenue Source(s)</b>	Funded with 2014 general obligation bonds.							
<b>Total Expenditures</b>	2,200,000	3,000,000	1,000,000	0	0	0	0	1,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	160,000	0	0	0	160,000

Capital Program	Revised		Adopted		Capital Plan			
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Repair/Replace PittockMansion Egress Lighting				Total Project Cost:		25,000		
	Confidence:	Moderate		Original Cost:		25,000	Area:	Northwest Maintenance & Repair
Project Description								
Repair/replace Pittock Mansion Egress Lighting.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	25,000	0	0	0	0	25,000
Net Operations and Maintenance Costs	0	0	0	1,250	0	0	0	1,250
NEW - Preserve EPCC Wet Deck				Total Project Cost:		75,000		
	Confidence:	Moderate		Original Cost:		75,000	Area:	East Maintenance & Repair
Project Description								
Preserve the wet deck at the East Portland Community Center.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	75,000	75,000	0	0	0	0	75,000
Net Operations and Maintenance Costs	0	0	0	3,750	0	0	0	3,750
Preserve Matt Dishman CC Parking Lot				Total Project Cost:		25,000		
	Confidence:	Moderate		Original Cost:		25,000	Area:	Northeast Maintenance & Repair
Project Description								
Preserve Matt Dishman Community Center parking lot.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	12,500	25,000	0	0	0	0	25,000
Net Operations and Maintenance Costs	0	0	0	2,000	0	0	0	2,000
Replace Children's Museum Chillers				Total Project Cost:		100,000		
	Confidence:	Moderate		Original Cost:		100,000	Area:	Northwest Maintenance & Repair
Project Description								
Replace Children's Museum Chillers.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	15,000	100,000	85,000	0	0	0	0	85,000
Net Operations and Maintenance Costs	0	0	0	5,000	0	0	0	5,000

# Portland Parks & Recreation

## Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Replace Columbia Pool Roof				Total Project Cost:		500,000	Area:	North
	Confidence:	Moderate		Original Cost:		500,000	Objective:	Maintenance & Repair
Project Description								
Replace Columbia Pool Roof								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs	0	0	0	25,000	0	0	0	25,000
Replace Fulton CC Boiler				Total Project Cost:		45,000	Area:	Southwest
	Confidence:	Moderate		Original Cost:		45,000	Objective:	Maintenance & Repair
Project Description								
Replace Fulton CC Boiler								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	45,000	0	0	0	0	45,000
Net Operations and Maintenance Costs	0	0	0	2,250	0	0	0	2,250
Replace Hillside CC Boiler				Total Project Cost:		45,000	Area:	Northwest
	Confidence:	Moderate		Original Cost:		45,000	Objective:	Maintenance & Repair
Project Description								
Replace Hillside CC boiler.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	5,000	45,000	40,000	0	0	0	0	40,000
Net Operations and Maintenance Costs	0	0	0	2,250	0	0	0	2,250
Replace MAC Boiler				Total Project Cost:		40,000	Area:	Southwest
	Confidence:	Moderate		Original Cost:		40,000	Objective:	Maintenance & Repair
Project Description								
Replace MAC Boiler								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	40,000	0	0	0	0	40,000
Net Operations and Maintenance Costs	0	0	0	2,000	0	0	0	2,000

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Replace Montavilla Pool HVAC/Boiler	Total Project Cost:			450,000		Area:		Southeast
	Confidence:	Moderate	Original Cost:		450,000		Objective:	Maintenance & Repair
Project Description								
Replace Montavilla Pool HVAC/Boiler								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	450,000	0	0	0	0	450,000
Net Operations and Maintenance Costs	0	0	0	22,500	0	0	0	22,500
NEW - Replaster SWCC Pool	Total Project Cost:			275,000		Area:		Southwest
	Confidence:	Moderate	Original Cost:		275,000		Objective:	Maintenance & Repair
Project Description								
The project will replaster the South West Community Center (SWCC) pool. The project includes: removing the existing plaster finish down to concrete substrate, removing and replacing joint caulking, and installation of a white exposed aggregate swimming pool finish. Caulking and plaster work will be interior to the pool and may include caulking on the pool deck. Removal of existing play product in leisure pool and installation of new play products.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	275,000	275,000	0	0	0	0	275,000
Net Operations and Maintenance Costs	0	0	0	13,750	0	0	0	13,750
NEW - Repoint Interstate Firehouse Cultural Center Mortar	Total Project Cost:			50,000		Area:		North
	Confidence:	Moderate	Original Cost:		50,000		Objective:	Maintenance & Repair
Project Description								
Repoint Interstate Firehouse Cultural Center mortar.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	1,000	50,000	49,000	0	0	0	0	49,000
Net Operations and Maintenance Costs	0	0	0	2,500	0	0	0	2,500
Seismic Needs Assessments	Total Project Cost:			325,000		Area:		Citywide
	Confidence:	Moderate	Original Cost:		325,000		Objective:	Maintenance & Repair
Project Description								
Assess the seismic status of buildings throughout the park system.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	125,000	325,000	200,000	0	0	0	0	200,000

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Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Net Operations and Maintenance Costs</b>	0	0	0	16,250	0	0	0	16,250
<b>Sellwood Park Kitchen Roof</b>				<b>Total Project Cost:</b>	500,000		<b>Area:</b>	Southeast
<b>Confidence:</b>	High			<b>Original Cost:</b>	1,279,247		<b>Objective:</b>	Replacement
<b>Project Description</b>	Replace kitchen building roof. Make diaphragm and seismic improvements and rebuild the roof windows.							
<b>Revenue Source(s)</b>	Funded by 2014 general obligation bonds.							
<b>Total Expenditures</b>	400,000	1,000,000	100,000	0	0	0	0	100,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	25,000	0	0	0	25,000
<b>St Johns CC Roof</b>				<b>Total Project Cost:</b>	1,469,782		<b>Area:</b>	North
<b>Confidence:</b>	High			<b>Original Cost:</b>	1,079,229		<b>Objective:</b>	Replacement
<b>Project Description</b>	Install new roof, complete seismic upgrades and ADA renovations, and resolve HVAC issues.							
<b>Revenue Source(s)</b>	Funded by 2014 general obligation bonds.							
<b>Total Expenditures</b>	1,393,819	400,000	75,000	0	0	0	0	75,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	73,489	0	0	0	73,489
<b>Southwest Community Center Natatorium</b>				<b>Total Project Cost:</b>	1,100,000		<b>Area:</b>	Southwest
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	1,300,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>	This project addresses needed roof and structural repairs over the community center's natatorium.							
<b>Revenue Source(s)</b>	This project was funded with General Fund one-time resources in the FY 2016-17 Fall BuMP.							
<b>Total Expenditures</b>	259,117	1,000,000	800,000	40,000	0	0	0	840,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	55,000	0	0	0	55,000
<b>Urban Forestry Maintenance Facility</b>				<b>Total Project Cost:</b>	4,364,091		<b>Area:</b>	North
<b>Confidence:</b>	High			<b>Original Cost:</b>	2,379,800		<b>Objective:</b>	Replacement
<b>Project Description</b>	This replacement project will remove the old storage structure and construct a new, covered and secure storage area for large equipment, and build an enclosed shop building.							
<b>Revenue Source(s)</b>	Funded by General Fund resources and 2014 general obligation bonds. This project is complemented by a major maintenance and trust-funded project that is building a new administrative and office building.							
<b>Total Expenditures</b>	742,367	3,000,000	1,000,000	2,621,000	0	0	0	3,621,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	218,205	0	0	0	218,205

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Demolish Washington Park Bear House				Total Project Cost:	100,000			Area: Northwest Maintenance-Safety
	Confidence:	Moderate	Original Cost:		100,000	Objective:		
Project Description								
Bear House is the remaining building from the original zoo but has many structural deficiencies. This project will demolish the Washington Park Bear House.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	10,000	0	90,000	0	0	0	0	90,000
Net Operations and Maintenance Costs	0	0	0	5,000	0	0	0	5,000
Developed Parks								
Central City Park Development				Total Project Cost:	Ongoing			Area: Central City GRO: New
	Confidence:	Moderate	Original Cost:		Ongoing	Objective:		
Project Description								
Projects to be determined.								
Revenue Source(s)								
These projects are funded with System Development Charges.								
Total Expenditures	0	18,500,000	21,970,000	989,000	0	0	0	22,959,000
Net Operations and Maintenance Costs	0	0	0	440,000	0	0	0	440,000
Demolish Leach Abandoned Bldg				Total Project Cost:	50,000			Area: East Maintenance-Safety
	Confidence:	Moderate	Original Cost:		50,000	Objective:		
Project Description								
Demolish abandoned building in Leach Botanical Garden.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	20,000	0	30,000	0	0	0	0	30,000
Net Operations and Maintenance Costs	0	0	0	2,500	0	0	0	2,500
Demolish Hazardous Structures				Total Project Cost:	300,000			Area: Citywide Maintenance & Repair
	Confidence:	Moderate	Original Cost:		300,000	Objective:		
Project Description								
Demolish hazardous structures throughout the park system.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	300,000	300,000	0	0	0	0	300,000
Net Operations and Maintenance Costs	0	0	0	15,000	0	0	0	15,000

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>East Holladay Park DOLA Fencing</b>				<b>Total Project Cost:</b>	225,000		<b>Area:</b>	Southeast
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	225,000		<b>Objective:</b>	Growth
<b>Project Description</b>								
This project installs fencing, gates, and signage and includes some grading and re-surfacing work.								
<b>Revenue Source(s)</b>								
This project is funded by System Development Charges.								
<b>Total Expenditures</b>	0	200,000	225,000	0	0	0	0	225,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	18,000	0	0	0	18,000
<b>Errol Heights Park Development</b>				<b>Total Project Cost:</b>	12,700,000		<b>Area:</b>	East
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	5,300,000		<b>Objective:</b>	Growth
<b>Project Description</b>								
Phase 1 implementation of the 2005 Master Plan.								
<b>Revenue Source(s)</b>								
Funded with System Development Charges.								
<b>Total Expenditures</b>	700,000	8,600,000	8,000,000	3,000,000	1,000,000	0	0	12,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	1,266,000	0	0	0	1,266,000
<b>Gabriel Park Playground</b>				<b>Total Project Cost:</b>	4,200,000		<b>Area:</b>	Southwest
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	1,700,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>								
Renovates the existing playground at Gabriel Park.								
<b>Revenue Source(s)</b>								
Funded by 2014 general fund obligation bonds and System Development Charges.								
<b>Total Expenditures</b>	100,000	1,500,000	3,000,000	1,000,000	100,000	0	0	4,100,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	336,000	0	0	0	336,000
<b>Gateway Discovery Park Development</b>				<b>Total Project Cost:</b>	10,249,225		<b>Area:</b>	East
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	5,750,000		<b>Objective:</b>	GRO: New
<b>Project Description</b>								
Implement the Gateway property Master Plan. Gateway Park & Urban Plaza will be a new 3.2 acre neighborhood park located on the corner of NE Halsey and NE 106th. The Master Planning process of 2010 outlined some important features including a programmed urban plaza, green space, inclusive nature playground, skate dot and picnic area. The park will contribute to the Gateway Eco-district and provide public amenities that are currently lacking in the Hazelwood, Mill Park, and Woodland Park neighborhoods.								
<b>Revenue Source(s)</b>								
This project is funded with System Development Charges.								
<b>Total Expenditures</b>	7,049,225	500,000	3,000,000	200,000	0	0	0	3,200,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	819,938	0	0	0	819,938

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Gilbert Primary Park Playground				Total Project Cost:	1,100,000		Area:	East
	Confidence:	Moderate		Original Cost:	1,100,000		Objective:	Maintenance & Repair
Project Description								
Renovate existing playground at Gilbert Primary Park.								
Revenue Source(s)								
Funded with 2014 general obligation bonds.								
Total Expenditures	200,000	1,000,000	900,000	0	0	0	0	900,000
Net Operations and Maintenance Costs	0	0	0	88,000	0	0	0	88,000
Glenhaven Park Playground				Total Project Cost:	1,700,000		Area:	Northeast
	Confidence:	Moderate		Original Cost:	1,700,000		Objective:	Maintenance & Repair
Project Description								
Renovates the existing playground and adds new play features at Glenhaven Park.								
Revenue Source(s)								
Funded with 2014 general obligation bonds and System Development Charges.								
Total Expenditures	240,000	1,250,000	1,400,000	60,000	0	0	0	1,460,000
Net Operations and Maintenance Costs	0	0	0	136,000	0	0	0	136,000
Halprin Parks Restoration - LID				Total Project Cost:	3,843,000		Area:	Central City
	Confidence:	Moderate		Original Cost:	2,100,000		Objective:	Maintenance-Preservation
Project Description								
Restore Halprin fountains: Lovejoy, Keller, and Pettygrove.								
Revenue Source(s)								
Funded by General Fund and a Local Improvement District.								
Total Expenditures	3,507,211	765,000	335,000	0	0	0	0	335,000
Net Operations and Maintenance Costs	0	0	0	192,150	0	0	0	192,150
Khunamokwst Park Play Surface				Total Project Cost:	20,000		Area:	Northeast
	Confidence:	Moderate		Original Cost:	20,000		Objective:	Maintenance & Repair
Project Description								
Opened in 2015, Khunamokwst features an accessible synthetic turf surface, adaptive swing and ramps into the play areas. This project will make improvements to the parks Play Surface.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	20,000	0	0	0	0	20,000
Net Operations and Maintenance Costs	0	0	0	1,600	0	0	0	1,600

# Portland Parks & Recreation

## Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Laurelhurst Park Handrails</b>				<b>Total Project Cost:</b>	220,000		<b>Area:</b>	Southeast
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	170,000		<b>Objective:</b>	Growth
<b>Project Description</b>	Install new handrails on stairways.							
<b>Revenue Source(s)</b>	This project is funded by System Development Charges.							
<b>Total Expenditures</b>	120,000	100,000	100,000	0	0	0	0	100,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	17,600	0	0	0	17,600
<b>Luwit View Park Development</b>				<b>Total Project Cost:</b>	11,800,000		<b>Area:</b>	East
<b>Confidence:</b>	High			<b>Original Cost:</b>	7,900,000		<b>Objective:</b>	GRO: New
<b>Project Description</b>	This project funds further development at Luwit View Park.							
<b>Revenue Source(s)</b>	This project is funded with System Development Charges.							
<b>Total Expenditures</b>	11,050,347	200,000	700,000	0	0	0	0	700,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	940,027	0	0	0	940,027
<b>Mt Tabor Park Stairs Handrails</b>				<b>Total Project Cost:</b>	470,000		<b>Area:</b>	Southeast
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	420,000		<b>Objective:</b>	Growth
<b>Project Description</b>	Repair existing stair structure and add new handrails.							
<b>Revenue Source(s)</b>	Funded with 2014 general obligation bonds and System Development Charges.							
<b>Total Expenditures</b>	270,000	350,000	137,095	62,905	0	0	0	200,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	37,600	0	0	0	37,600
<b>Non Central City Park Development Program</b>				<b>Total Project Cost:</b>	Ongoing		<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	Ongoing		<b>Objective:</b>	GRO: New
<b>Project Description</b>	Projects to be determined.							
<b>Revenue Source(s)</b>	These projects are funded with System Development Charges.							
<b>Total Expenditures</b>	0	6,200,000	5,650,000	690,000	0	0	0	6,340,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	678,920	0	0	0	678,920

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Oaks Bottom DEQ Cleanup</b>				<b>Total Project Cost:</b>	75,000		<b>Area:</b>	Southeast
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	75,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>								
PP&R created the city's first wildlife refuge at Oaks Bottom in 1988 after a long history of environmental degradation at the site. This maintenance and repaid project focuses on the Oaks Bottom Department of Environmental Quality cleanup.								
<b>Revenue Source(s)</b>								
This project is funded with General Fund Major Maintenance resources.								
<b>Total Expenditures</b>	0	0	75,000	0	0	0	0	75,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	6,000	0	0	0	6,000
<b>Parklane Park Development</b>				<b>Total Project Cost:</b>	16,000,000		<b>Area:</b>	East
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	6,046,000		<b>Objective:</b>	GRO: Expand
<b>Project Description</b>								
This project includes basic park improvements noted in the Master Plan: spray feature, paths, utilities, plantings, and site furniture.								
<b>Revenue Source(s)</b>								
Funded by System Development Charges. This project is complemented by a bond-funded installation of a Portland Loo.								
<b>Total Expenditures</b>	252,365	12,000,000	500,000	8,000,000	7,000,000	247,000	0	15,747,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	1,530,000	0	0	0	1,530,000
<b>Pier Park Restrooms &amp; Shelter</b>				<b>Total Project Cost:</b>	750,000		<b>Area:</b>	North
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	750,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>								
Renovate restroom and shelter at Pier Park.								
<b>Revenue Source(s)</b>								
Funded with 2014 general obligation bonds.								
<b>Total Expenditures</b>	150,000	600,000	600,000	0	0	0	0	600,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	67,500	0	0	0	67,500
<b>Pioneer Courthouse Square Improvements</b>				<b>Total Project Cost:</b>	10,636,541		<b>Area:</b>	Central City
	<b>Confidence:</b>	High		<b>Original Cost:</b>	10,000,000		<b>Objective:</b>	Replacement
<b>Project Description</b>								
Replace failing structures, fix leaks and cracks, make improvements at a high-use park.								
<b>Revenue Source(s)</b>								
Funded by 2014 general obligation bonds.								
<b>Total Expenditures</b>	9,236,541	2,500,000	1,400,000	0	0	0	0	1,400,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	601,827	0	0	0	601,827

# Portland Parks & Recreation

## Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan					
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total	
NEW - Remove Pier Park At-Risk Assets			Total Project Cost:		75,000		Area:	North	
							Maintenance &		
Confidence:			Moderate	Original Cost:		75,000		Objective:	Repair
Project Description									
Remove Pier Park at-risk assets.									
Revenue Source(s)									
This project is funded with General Fund Major Maintenance resources.									
Total Expenditures	0	75,000	75,000	0	0	0	0	75,000	
Net Operations and Maintenance Costs	0	0	0	3,750	0	0	0	3,750	
Repair Ed Benedict Park Path/Trail/Sidewalk			Total Project Cost:		\$50,000		Area:	East	
							Maintenance &		
Confidence:			Moderate	Original Cost:		\$50,000		Objective:	Repair
Project Description									
Repair path, trail, sidewalks in Ed Benedict Park.									
Revenue Source(s)									
This project is funded with General Fund Major Maintenance resources.									
Total Expenditures	0	0	50,000	0	0	0	0	50,000	
Net Operations and Maintenance Costs	0	0	0	4,000	0	0	0	4,000	
Repair Glenwood Park Sidewalk			Total Project Cost:		25,000		Area:	Southeast	
							Maintenance &		
Confidence:			Moderate	Original Cost:		25,000		Objective:	Repair
Project Description									
This project funds the maintenance and repair of Glenwood Park sidewalks.									
Revenue Source(s)									
This project is funded with General Fund Major Maintenance resources.									
Total Expenditures	0	0	25,000	0	0	0	0	25,000	
Net Operations and Maintenance Costs	0	0	0	2,000	0	0	0	2,000	
Repair Lincoln Park Path/Trail			Total Project Cost:		25,000		Area:	East	
							Maintenance &		
Confidence:			Moderate	Original Cost:		25,000		Objective:	Repair
Project Description									
This project will repair trails and pathways at Lincoln Park.									
Revenue Source(s)									
This project is funded with General Fund Major Maintenance resources.									
Total Expenditures	0	0	25,000	0	0	0	0	25,000	
Net Operations and Maintenance Costs	0	0	0	2,000	0	0	0	2,000	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
NEW - Repair Montavilla Park Shelter			Total Project Cost:		635,000		Area:	Southeast
	Confidence:	Moderate	Original Cost:		635,000		Objective:	Maintenance & Repair
Project Description								
In March 2019, Portland Parks & Recreation received a safety and structural stability assessment of Montavilla Park’s picnic shelter. The report indicates that the structure is presumed to be unsafe and must be removed to ensure visitor safety. This project will repair the Montavilla Park picnic shelter.								
Revenue Source(s)								
This project is General Fund Major Maintenance funded.								
Total Expenditures	34,003	635,000	600,000	0	0	0	0	600,000
Net Operations and Maintenance Costs	0	0	0	31,750	0	0	0	31,750
Repair Nike Basketball Courts			Total Project Cost:		52,500		Area:	Citywide
	Confidence:	Moderate	Original Cost:		52,500		Objective:	Maintenance & Repair
Project Description								
This project will make repairs to court surfaces and replace backboards and hoops as needed.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	52,000	0	0	0	0	52,000
Net Operations and Maintenance Costs	0	0	0	4,200	0	0	0	4,200
Replace Berrydale Teeter			Total Project Cost:		25,000		Area:	Southeast
	Confidence:	Moderate	Original Cost:		25,000		Objective:	Maintenance & Repair
Project Description								
Replace Berrydale Teeter								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	25,000	0	0	0	0	25,000
Net Operations and Maintenance Costs	0	0	0	2,000	0	0	0	2,000
Replace Delta Park Scoreboard			Total Project Cost:		30,000		Area:	North
	Confidence:	Moderate	Original Cost:		30,000		Objective:	Maintenance & Repair
Project Description								
Replace Delta Park Scoreboard								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	30,000	0	0	0	0	30,000
Net Operations and Maintenance Costs	0	0	0	2,400	0	0	0	2,400

# Portland Parks & Recreation

## Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Replace East Delta Irrigation Pump				Total Project Cost:		125,000	Area:	North
	Confidence:	Moderate		Original Cost:		125,000	Objective:	Maintenance & Repair
Project Description								
Replace East Delta irrigation pump.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	125,000	0	0	0	0	125,000
Net Operations and Maintenance Costs	0	0	0	10,000	0	0	0	10,000
Replace Harney Play Structure				Total Project Cost:		25,000	Area:	Southeast
	Confidence:	Moderate		Original Cost:		25,000	Objective:	Maintenance & Repair
Project Description								
Replace Harney play structure.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	25,000	0	0	0	0	25,000
Net Operations and Maintenance Costs	0	0	0	2,000	0	0	0	2,000
Replace Peninsula Park Slide				Total Project Cost:		20,000	Area:	Northeast
	Confidence:	Moderate		Original Cost:		20,000	Objective:	Maintenance & Repair
Project Description								
Replace Peninsula park slide.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	20,000	0	0	0	0	20,000
Net Operations and Maintenance Costs	0	0	0	1,600	0	0	0	1,600
Restore Peninsula Rose Garden Brick Path				Total Project Cost:		100,000	Area:	Northeast
	Confidence:	Moderate		Original Cost:		100,000	Objective:	Maintenance & Repair
Project Description								
Restore Peninsula Rose Garden brick path.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	0	100,000	0	0	0	0	100,000
Net Operations and Maintenance Costs	0	0	0	8,000	0	0	0	8,000

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Spring Garden Park Development</b>				<b>Total Project Cost:</b>	3,850,000		<b>Area:</b>	Southwest
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	1,500,000		<b>Objective:</b>	GRO: Expand
<b>Project Description</b>								
Implement 2002 Spring Garden Park Master Plan.								
<b>Revenue Source(s)</b>								
This project is funded with System Development Charges.								
<b>Total Expenditures</b>	3,730,000	500,000	120,000	0	0	0	0	120,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	308,000	0	0	0	308,000
<b>Improve Stearns Canyon Stairs</b>				<b>Total Project Cost:</b>	503,707		<b>Area:</b>	Northwest
<b>Confidence:</b>	Low			<b>Original Cost:</b>	500,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>								
This project repairs the Washington Park Stearns Canyon stairs which will expand access to woodlands.								
<b>Revenue Source(s)</b>								
This project is funded with one-time General Fund Major Maintenance resources.								
<b>Total Expenditures</b>	43,707	500,000	400,000	60,000	0	0	0	460,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	25,000	0	0	0	25,000
<b>Upgrade Kelley Point Backflow Preventer</b>				<b>Total Project Cost:</b>	75,000		<b>Area:</b>	North
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	75,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>								
This project will upgrade the Kelley Point Park backflow preventer.								
<b>Revenue Source(s)</b>								
This project is funded with General Fund Major Maintenance resources.								
<b>Total Expenditures</b>	0	0	75,000	0	0	0	0	75,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	6,000	0	0	0	6,000
<b>Portland International Raceway</b>								
<b>Repave PDX Int'l Raceway South Paddock</b>				<b>Total Project Cost:</b>	1,750,000		<b>Area:</b>	North
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	1,750,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>								
The Portland International Raceway (PIR) South Paddock repaving project comprises construction of pavement repairs, stormline catch basin replacement and asphalt repaving at PIR.								
<b>Revenue Source(s)</b>								
This project is funded by PIR earnings.								
<b>Total Expenditures</b>	1,700,000	1,750,000	50,000	0	0	0	0	50,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	140,000	0	0	0	140,000

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## Project Detail

Capital Improvement Plan Summaries

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Green Infrastructure								
David Douglas Community Garden				Total Project Cost:		50,000		Area: East
	Confidence:	High		Original Cost:		50,000		Objective: Growth
Project Description								
This project will build the David Douglas Community Garden.								
Revenue Source(s)								
This project is funded by a donation from the David Douglas School District.								
Total Expenditures	10,000	50,000	40,000	0	0	0	0	40,000
Net Operations and Maintenance Costs	0	0	0	4,000	0	0	0	4,000
Leach Botanical Garden								
				Total Project Cost:		6,630,530		Area: East
	Confidence:	Moderate		Original Cost:		6,630,530		Objective: Growth
Project Description								
Implement Leach Garden Master Plan.								
Revenue Source(s)								
This project is funded by System Development Charges.								
Total Expenditures	2,141,923	0	3,000,000	1,400,000	88,000	0	0	4,488,000
Net Operations and Maintenance Costs	0	0	0	730,443	0	0	0	730,443
Leach Botanical Garden								
				Total Project Cost:		2,078,986		Area: East
	Confidence:	Moderate		Original Cost:		1,343,000		Objective: Growth
Project Description								
Renovation of Leach Botanical Garden.								
Revenue Source(s)								
Funded by Prosper Portland and Grants.								
Total Expenditures	0	5,078,986	2,078,986	0	0	0	0	2,078,986
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Forest Park Restoration-NIN Grant Match								
				Total Project Cost:		112,000		Area: Northwest
	Confidence:	Moderate		Original Cost:		112,000		Objective: Growth
Project Description								
Implement restoration segment of Renew Forest Park initiative.								
Revenue Source(s)								
This project is funded with System Development Charges.								
Total Expenditures	102,000	92,000	10,000	0	0	0	0	10,000
Net Operations and Maintenance Costs	0	0	0	8,960	0	0	0	8,960

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Riverview Nature Area Restoration</b>				<b>Total Project Cost:</b>	250,000		<b>Area:</b>	Southwest
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	250,000		<b>Objective:</b>	GRO: New
<b>Project Description</b>	Restoration of land in Southwest Portland.							
<b>Revenue Source(s)</b>	Funded by Multnomah County mitigation funding related to the Sellwood Bridge project.							
<b>Total Expenditures</b>	163,295	100,000	86,000	0	0	0	0	86,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	20,000	0	0	0	20,000
<b>Waterfront Park Bioswale Reconfiguration</b>				<b>Total Project Cost:</b>	48,150		<b>Area:</b>	Central City
<b>Confidence:</b>	High			<b>Original Cost:</b>	33,150		<b>Objective:</b>	Maintenance-Safety
<b>Project Description</b>	This project reconfigures the existing stormwater facility to discourage current use for trash and human waste.							
<b>Revenue Source(s)</b>	This project is funded with General Fund major maintenance resources.							
<b>Total Expenditures</b>	18,156	30,000	29,000	0	0	0	0	29,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	3,853	0	0	0	3,853
<b>NEW - Whitaker Ponds Restoration</b>				<b>Total Project Cost:</b>	55,000		<b>Area:</b>	Northeast
<b>Confidence:</b>	High			<b>Original Cost:</b>	55,000		<b>Objective:</b>	Maintenance-Preservation
<b>Project Description</b>	This project is restoring natural area in Whitaker Ponds.							
<b>Revenue Source(s)</b>	This project is grant funded.							
<b>Total Expenditures</b>	0	0	40,000	0	0	0	0	40,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	4,416	0	0	0	4,416
<b>Park Amenities &amp; Trails</b>								
<b>Implement ADA Upgrades</b>				<b>Total Project Cost:</b>	1,000,000		<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	1,000,000		<b>Objective:</b>	Mandated
<b>Project Description</b>	Improve or add assets to increase accessibility.							
<b>Revenue Source(s)</b>	This project is funded with General Fund resources.							
<b>Total Expenditures</b>	0	0	500,000	500,000	0	0	0	1,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	50,000	0	0	0	50,000

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Columbia Children's Arboretum</b>				<b>Total Project Cost:</b>	1,885,000		<b>Area:</b>	Northeast
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	1,135,000		<b>Objective:</b>	GRO: Expand
<b>Project Description</b>								
This project protects the site's natural resources while providing needed recreational opportunities. New amenities will include a paved trail, paved accessible parking, and a shelter for educational/interpretive programs and group activities.								
<b>Revenue Source(s)</b>								
Funded by System Development Charges.								
<b>Total Expenditures</b>	285,000	1,750,000	1,200,000	400,000	0	0	0	1,600,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	250,800	0	0	0	250,800
<b>Gateway Green Development</b>				<b>Total Project Cost:</b>	4,250,000		<b>Area:</b>	East
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	3,100,000		<b>Objective:</b>	Growth
<b>Project Description</b>								
Develop Gateway Green.								
<b>Revenue Source(s)</b>								
This project is funded by Friends of Gateway Green, Metro, General Fund, and System Development Charges.								
<b>Total Expenditures</b>	1,250,000	2,000,000	2,500,000	500,000	0	0	0	3,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	340,000	0	0	0	340,000
<b>Lents Park Street Improvements</b>				<b>Total Project Cost:</b>	1,000,000		<b>Area:</b>	East
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	1,000,000		<b>Objective:</b>	GRO: Expand
<b>Project Description</b>								
This project improves the Lents street right-of-way and includes ADA sidewalk improvements.								
<b>Revenue Source(s)</b>								
This project is funded with System Development Charges.								
<b>Total Expenditures</b>	40,000	0	960,000	0	0	0	0	960,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	80,000	0	0	0	80,000
<b>Recreation Features</b>								
<b>Couch Park Playground</b>				<b>Total Project Cost:</b>	2,133,515		<b>Area:</b>	Northwest
<b>Confidence:</b>	High			<b>Original Cost:</b>	1,633,516		<b>Objective:</b>	Replacement
<b>Project Description</b>								
Replace play equipment, playground surfaces and substructures, and fencing and correct adjacent ADA deficiencies including the brick plaza walkway between NW Glisan and Hoyt to provide a safe, accessible path to and from the streets and the restroom.								
<b>Revenue Source(s)</b>								
Funded by donations and 2014 general obligation bonds.								
<b>Total Expenditures</b>	1,133,515	1,000,000	1,000,000	0	0	0	0	1,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	180,681	0	0	0	180,681

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Creston Park Playground</b>				<b>Total Project Cost:</b>	2,056,278		<b>Area:</b>	Southeast
<b>Confidence:</b>		High		<b>Original Cost:</b>	774,642		<b>Objective:</b>	Replacement
<b>Project Description</b>								
Renovate or replace play equipment. Upgrade playground surface and substructures. Provide an ADA-accessible path to the playground and the swings from the park's west parking lot. Also provide an ADA compliant drinking fountain and benches.								
<b>Revenue Source(s)</b>								
Funded by 2014 general obligation bonds.								
<b>Total Expenditures</b>	156,278	700,000	500,000	1,400,000	0	0	0	1,900,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	164,502	0	0	0	164,502
<b>Kenton Park Playground</b>				<b>Total Project Cost:</b>	968,947		<b>Area:</b>	North
<b>Confidence:</b>		High		<b>Original Cost:</b>	968,947		<b>Objective:</b>	Replacement
<b>Project Description</b>								
Remove and replace outdated, inaccessible play structures, picnic tables, benches, a drinking fountain, and pavement adjacent to the restroom. Install an accessible path between the street, restroom and play area.								
<b>Revenue Source(s)</b>								
Funded by 2014 general obligation bonds.								
<b>Total Expenditures</b>	68,947	700,000	900,000	0	0	0	0	900,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	87,515	0	0	0	87,515
<b>Lynchview Park Playground</b>				<b>Total Project Cost:</b>	3,205,030		<b>Area:</b>	East
<b>Confidence:</b>		High		<b>Original Cost:</b>	3,205,030		<b>Objective:</b>	GRO: New
<b>Project Description</b>								
Add new a new playground to Lynchview Park. Intstall an ADA-compliant pathway that connects to a new ADA parking stall and the park entrances.								
<b>Revenue Source(s)</b>								
Funded by 2014 general obligation bonds and System Development Charges.								
<b>Total Expenditures</b>	205,030	2,200,000	1,000,000	2,000,000	0	0	0	3,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	256,403	0	0	0	256,403
<b>North Park Blocks Playground</b>				<b>Total Project Cost:</b>	1,598,656		<b>Area:</b>	Central City
<b>Confidence:</b>		High		<b>Original Cost:</b>	1,611,496		<b>Objective:</b>	Replacement
<b>Project Description</b>								
Remove and replace play equipment. Upgrade surface and sub structures. Create an accessible pathway from the SW and NE corners to the play area.								
<b>Revenue Source(s)</b>								
Funded by 2014 general obligation bonds.								
<b>Total Expenditures</b>	1,508,656	1,000,000	90,000	0	0	0	0	90,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	137,893	0	0	0	137,893

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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>NEW - Resurface Pier Park Tennis Court</b>				<b>Total Project Cost:</b>	50,000		<b>Area:</b>	North
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	50,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>								
Resurface Pier Park Tennis Court								
<b>Revenue Source(s)</b>								
This project is funded with General Fund Major Maintenance resources.								
<b>Total Expenditures</b>	0	50,000	50,000	0	0	0	0	50,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	4,000	0	0	0	4,000
<b>Salmon Street Fountain Electrical Repair</b>				<b>Total Project Cost:</b>	131,000		<b>Area:</b>	Central City
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	131,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>								
This project repairs the electrical system of the interactive fountain in Governor Tom McCall Waterfront Park.								
<b>Revenue Source(s)</b>								
This project is funded with General Fund Major Maintenance resources.								
<b>Total Expenditures</b>	0	131,000	131,000	0	0	0	0	131,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	6,550	0	0	0	6,550
<b>Utilities, Roads &amp; Trails</b>								
<b>Bridge Inventory &amp; Assessment</b>				<b>Total Project Cost:</b>	900,000		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	1,100,000		<b>Objective:</b>	Maintenance-Safety
<b>Project Description</b>								
Inventory, assess, and report on bridges in the entire park system and begin implementing improvements, with priority given to Springwater Corridor as well as pedestrian and vehicular bridges.								
<b>Revenue Source(s)</b>								
Funded by General Fund Major Maintenance resources.								
<b>Total Expenditures</b>	560,596	406,000	339,000	0	0	0	0	339,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	45,000	0	0	0	45,000
<b>Columbia Blvd Bridge @ Chimney Park</b>				<b>Total Project Cost:</b>	204,699		<b>Area:</b>	North
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	200,000		<b>Objective:</b>	GRO: Expand
<b>Project Description</b>								
Construction of a grade-separated crossing over Columbia Boulevard at Chimney Park, part of the North Portland Greenway trail.								
<b>Revenue Source(s)</b>								
System Development Charges fund the match on a grant from Metro, the lead agency on this project.								
<b>Total Expenditures</b>	104,699	200,000	100,000	0	0	0	0	100,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	66,376	0	0	0	66,376

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
NEW - Repair 2015 Winter storm damage			Total Project Cost:		5,360,000		Area:	Northwest
Confidence:			Moderate	Original Cost:		5,360,000		Objective:
Project Description								
Repair Winter 2015 storm damage.								
Revenue Source(s)								
This project is grant and match funded.								
Total Expenditures	430,307	0	4,852,000	72,000	0	0	0	4,924,000
Net Operations and Maintenance Costs	0	0	0	325,300	0	0	0	325,300
Foley-Balmer Natural Area Bridge			Total Project Cost:		750,000		Area:	Southwest
Confidence:			Moderate	Original Cost:		750,000		Objective:
Project Description								
Replace the trail bridge.								
Revenue Source(s)								
Funded by 2014 general obligation bonds.								
Total Expenditures	130,000	750,000	620,000	0	0	0	0	620,000
Net Operations and Maintenance Costs	0	0	0	68,000	0	0	0	68,000
Repair Critical Forest Park Infrastructure			Total Project Cost:		2,142,511		Area:	Northwest
Confidence:			Moderate	Original Cost:		2,142,511		Objective:
Project Description								
Repair critical infrastructure in Forest Park.								
Revenue Source(s)								
This project is funded with one-time General Fund resources.								
Total Expenditures	12,511	2,142,511	2,000,000	130,000	0	0	0	2,130,000
Net Operations and Maintenance Costs	0	0	0	107,125	0	0	0	107,125
Leif Erikson Culvert Repairs			Total Project Cost:		347,500		Area:	Northwest
Confidence:			Moderate	Original Cost:		345,000		Objective:
Project Description								
Replace failing culverts in partnership with the Bureau of Environmental Services (BES).								
Revenue Source(s)								
PP&R's portion of this project is funded with General Fund Major Maintenance resources. BES's portion is funded with the Watershed Investment Fund.								
Total Expenditures	0	340,000	347,500	0	0	0	0	347,500
Net Operations and Maintenance Costs	0	0	0	17,375	0	0	0	17,375

# Portland Parks & Recreation

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Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Leif Erikson Culverts & MP 6.8 Roadbed Repairs			Total Project Cost:		247,500		Area:	Northwest
Confidence:			High		Original Cost:		247,500	
Objective:							Maintenance-Preservation	
Project Description								
Repair the milepost 6.8 roadbed failure on Leif Erikson, a major artery of Forest Park that is needed for emergency vehicles.								
Revenue Source(s)								
This project is funded with General Fund Major Maintenance resources.								
Total Expenditures	0	240,000	247,500	0	0	0	0	247,500
Net Operations and Maintenance Costs	0	0	0	19,800	0	0	0	19,800
Lynchview Park Irrigation								
Total Project Cost:			179,777		Area:		East	
Confidence:			High		Original Cost:		179,777	
Objective:							Replacement	
Project Description								
Replace non-functioning irrigation system at Lynchview Park playground and sports fields with a new Maxicom (weather-based central irrigation control platform) that provides water-efficient, area-specific irrigation.								
Revenue Source(s)								
Funded by 2014 general obligation bonds.								
Total Expenditures	9,777	175,000	170,000	0	0	0	0	170,000
Net Operations and Maintenance Costs	0	0	0	14,382	0	0	0	14,382
Marshall Park Trail Bridge								
Total Project Cost:			750,000		Area:		Southwest	
Confidence:			Moderate		Original Cost:		750,000	
Objective:							Maintenance & Repair	
Project Description								
Replace the trail bridge. Funded by 2014 general obligation bonds.								
Revenue Source(s)								
Funded by 2014 general obligation bonds.								
Total Expenditures	150,000	500,000	600,000	0	0	0	0	600,000
Net Operations and Maintenance Costs	0	0	0	68,000	0	0	0	68,000
Mt Tabor Park South Access Trail/Bike Path								
Total Project Cost:			1,950,000		Area:		Southeast	
Confidence:			Moderate		Original Cost:		500,000	
Objective:							GRO: New	
Project Description								
Develop access and circulation entryway on the south side of Mt Tabor.								
Revenue Source(s)								
This project is funded with System Development Charges.								
Total Expenditures	250,000	400,000	1,500,000	200,000	0	0	0	1,700,000
Net Operations and Maintenance Costs	0	0	0	156,000	0	0	0	156,000

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>NEW-Repair S Waterfront Greenway Environmental Protection Cap</b>				<b>Total Project Cost:</b>	100,000		<b>Area:</b> Southwest	
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	100,000		<b>Objective:</b> Maintenance & Repair	
<b>Project Description</b>	Repair South Waterfront Greenway Environmental Protection Cap.							
<b>Revenue Source(s)</b>	This project is funded with General Fund Major Maintenance.							
<b>Total Expenditures</b>	5,000	0	95,000	0	0	0	0	95,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	8,000	0	0	0	8,000
<b>NEW-Repair Willamette Greenway Trail</b>				<b>Total Project Cost:</b>	85,000		<b>Area:</b> Southwest	
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	85,000		<b>Objective:</b> Maintenance & Repair	
<b>Project Description</b>	Repair Willamette Greenway Trail.							
<b>Revenue Source(s)</b>	This project is funded with General Fund Major Maintenance.							
<b>Total Expenditures</b>	65,000	0	20,000	0	0	0	0	20,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	6,800	0	0	0	6,800
<b>NEW - Preserve Creston Pool Parking Lot</b>				<b>Total Project Cost:</b>	25,000		<b>Area:</b> Southeast	
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	25,000		<b>Objective:</b> Maintenance & Repair	
<b>Project Description</b>	Preserve Creston Pool parking lot.							
<b>Revenue Source(s)</b>	This project is funded with General Fund Major Maintenance resources.							
<b>Total Expenditures</b>	0	25,000	25,000	0	0	0	0	25,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	2,000	0	0	0	2,000
<b>NEW - Preserve East Portland CC Parking Lot</b>				<b>Total Project Cost:</b>	25,000		<b>Area:</b> East	
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	25,000		<b>Objective:</b> Maintenance & Repair	
<b>Project Description</b>	Preserve East Portland Community Center parking lot.							
<b>Revenue Source(s)</b>	This project is funded with General Fund Major Maintenance resources.							
<b>Total Expenditures</b>	0	25,000	25,000	0	0	0	0	25,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	2,000	0	0	0	2,000

Capital Program	Revised		Adopted	Capital Plan					
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total	
NEW - Preserve Multnomah Arts Center Parking Lot			Total Project Cost:		25,000		Area:	Southwest	
Confidence:			Moderate	Original Cost:		25,000		Objective:	Maintenance & Repair
Project Description									
Preserve Multnomah Arts Center parking lot.									
Revenue Source(s)									
This project is funded with General Fund Major Maintenance resources.									
Total Expenditures	0	25,000	25,000	0	0	0	0	25,000	
Net Operations and Maintenance Costs	0	0	0	2,000	0	0	0	2,000	
Red Electric Trail Match									
Confidence:			High	Total Project Cost:		376,247		Area:	Southwest
Confidence:			High	Original Cost:		220,000		Objective:	GRO: Expand
Project Description									
This project builds the portion of the Red Electric Trail between SW 30th to SW Vermont.									
Revenue Source(s)									
Parks System Development Charges provide a grant match for this PBOT-built project. PBOT's portion is funded with \$1,927,717 in grant funding.									
Total Expenditures	56,247	300,000	320,000	0	0	0	0	320,000	
Net Operations and Maintenance Costs	0	0	0	30,099	0	0	0	30,099	
Repair Jenne Rd Bridge Approach			Total Project Cost:		98,000		Area:	Citywide	
Confidence:			Moderate	Original Cost:		98,000		Objective:	Maintenance-Safety
Project Description									
Repair Jenne Rd Bridge Approach.									
Revenue Source(s)									
This project is funded with General Fund Major Maintenance resources.									
Total Expenditures	18,000	0	80,000	0	0	0	0	80,000	
Net Operations and Maintenance Costs	0	0	0	7,840	0	0	0	7,840	
Repair Leif Erikson Sinkhole			Total Project Cost:		85,000		Area:	Northwest	
Confidence:			Moderate	Original Cost:		85,000		Objective:	Maintenance-Safety
Project Description									
Repair Leif Erikson Sinkhole.									
Revenue Source(s)									
This project is funded with General Fund Major Maintenance resources.									
Total Expenditures	15,000	0	70,000	0	0	0	0	70,000	
Net Operations and Maintenance Costs	0	0	0	6,800	0	0	0	6,800	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Riverplace Sidewalk Renovation</b>				<b>Total Project Cost:</b>	350,000		<b>Area:</b>	Central City
<b>Confidence:</b>	High		<b>Original Cost:</b>	250,000		<b>Objective:</b>	Maintenance-Safety	
<b>Project Description</b>								
Repair the Riverplace Esplanade where it is sinking and creating trip hazards at retail shop entries.								
<b>Revenue Source(s)</b>								
This project is funded with one-time General Fund Major Maintenance resources.								
<b>Total Expenditures</b>	190,000	200,000	160,000	0	0	0	0	160,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	28,000	0	0	0	28,000
<b>Willamette Park-Shoreline RR Crossing</b>				<b>Total Project Cost:</b>	50,000		<b>Area:</b>	Southwest
<b>Confidence:</b>	Low		<b>Original Cost:</b>	50,000		<b>Objective:</b>	Growth	
<b>Project Description</b>								
PP&R is contributing to the construction of the Shoreline Railroad crossing as part of the Willamette Park Greenway and Entry expansion.								
<b>Revenue Source(s)</b>								
This project is funded with System Development Charges.								
<b>Total Expenditures</b>	0	0	50,000	0	0	0	0	50,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	19,000	0	0	0	19,000
<b>Springwater Bridge #140</b>				<b>Total Project Cost:</b>	640,000		<b>Area:</b>	Southeast
<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	750,000		<b>Objective:</b>	Maintenance & Repair	
<b>Project Description</b>								
Replace the trail bridge.								
<b>Revenue Source(s)</b>								
Funded by 2014 general obligation bonds.								
<b>Total Expenditures</b>	75,000	750,000	565,000	0	0	0	0	565,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	111,200	0	0	0	111,200
<b>Springwater Corridor Bridges</b>				<b>Total Project Cost:</b>	2,348,830		<b>Area:</b>	Southeast
<b>Confidence:</b>	High		<b>Original Cost:</b>	2,348,830		<b>Objective:</b>	Replacement	
<b>Project Description</b>								
Repair bridges and stabilize trail.								
<b>Revenue Source(s)</b>								
Funded by 2014 general obligation bonds.								
<b>Total Expenditures</b>	448,830	1,500,000	1,500,000	400,000	0	0	0	1,900,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	237,907	0	0	0	237,907

# Portland Parks & Recreation

## Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Springwater Trail SE Umatilla to 13th</b>				<b>Total Project Cost:</b>	1,500,000		<b>Area:</b>	Southeast
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	1,270,009		<b>Objective:</b>	GRO: Expand
<b>Project Description</b>								
Build Springwater trail gap from SE Umatilla to 13th. This is a combination rail-with-trail project.								
<b>Revenue Source(s)</b>								
This project is funded with a Federal Grant through ODOT and System Development Charges.								
<b>Total Expenditures</b>	247,270	1,200,000	900,000	0	0	0	0	900,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	101,782	0	0	0	101,782
<b>Swan Island Boat Ramp Permit Phase</b>				<b>Total Project Cost:</b>	287,110		<b>Area:</b>	North
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	287,110		<b>Objective:</b>	Growth
<b>Project Description</b>								
Develop the joint permit application to facilitate repairing the Swan Island boat ramp.								
<b>Revenue Source(s)</b>								
This project is funded with General Fund Major Maintenance resources.								
<b>Total Expenditures</b>	10,000	115,000	267,000	0	0	0	0	267,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	14,355	0	0	0	14,355
<b>NEW - Restripe Washington Park parking areas.</b>				<b>Total Project Cost:</b>	250,000		<b>Area:</b>	Northwest
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	250,000		<b>Objective:</b>	Maintenance & Repair
<b>Project Description</b>								
Restripe Washington Park parking areas.								
<b>Revenue Source(s)</b>								
This project is funded with the Washington Park Parking fees.								
<b>Total Expenditures</b>	0	47,000	100,000	0	0	0	0	100,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	20,000	0	0	0	20,000
<b>NEW - Washington Park Stormwater Phase II</b>				<b>Total Project Cost:</b>	2,500,000		<b>Area:</b>	Northwest
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	2,500,000		<b>Objective:</b>	Replacement
<b>Project Description</b>								
This project is to design and construct storm water detention and filtration in Washington Park.								
<b>Revenue Source(s)</b>								
This project is funded with Washington Park Parking Trust earnings.								
<b>Total Expenditures</b>	50,000	0	500,000	1,750,000	200,000	0	0	2,450,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	125,000	0	0	0	125,000

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Washington Park Sewer Replacement				Total Project Cost:		1,060,000		Area: Northwest
	Confidence:	Moderate		Original Cost:		1,497,600		Objective: Replacement

**Project Description**

Reline the 50+year old, 10,000+ feet of sanitary and stormwater pipe in Washington Park to extend its life and prevent continued sewage spills, backed-up restroom facilities, and contamination issues.

**Revenue Source(s)**

This project is funded with one time General Fund resources. Additional funding will be needed to complete this project at the current estimated scope.

Total Expenditures	60,000	800,000	1,000,000	0	0	0	0	1,000,000
Net Operations and Maintenance Costs	0	0	0	53,000	0	0	0	53,000

Whitaker Ponds Access Improvements				Total Project Cost:		2,295,198		Area: Northeast
	Confidence:	Moderate		Original Cost:		1,268,655		Objective: GRO: Expand

**Project Description**

Develop access and circulation entryway, as recommended in the 2012 conceptual plan.

**Revenue Source(s)**

Funded by a Metro grant and match funding from System Development Charges.

Total Expenditures	1,295,198	500,000	1,000,000	0	0	0	0	1,000,000
Net Operations and Maintenance Costs	0	0	0	183,616	0	0	0	183,616

Wildwood Bridge Project Oversight				Total Project Cost:		450,000		Area: Northwest
	Confidence:	Low		Original Cost:		100,000		Objective: Growth

**Project Description**

PP&R oversight of a bridge being built by partners.

**Revenue Source(s)**

Funded with System Development Charges.

Total Expenditures	149,999	0	300,000	0	0	0	0	300,000
Net Operations and Maintenance Costs	0	0	0	19,000	0	0	0	19,000



# Portland Bureau of Transportation

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Safety								
102nd Ave Crossing Improvements, NE				Total Project Cost:		681,034	Area:	Northeast
	Confidence:	Low	Original Cost:		331,034	Objective:	Maintenance-Safety	
Project Description								
This project will improve pedestrian crossing on NE 102nd Ave from Weidler to Sandy. Construction is planned for 2019 and 2020								
Revenue Source(s)								
Fixing Our Street, TSDC, Cannabis Tax								
Total Expenditures	0	251,034	208,135	0	0	0	0	208,135
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
122nd Ave Safety Improve, Ph II, SE/NE								
				Total Project Cost:		2,206,897	Area:	Northeast/Southeast
	Confidence:	Low	Original Cost:		2,206,897	Objective:	Maintenance-Safety	
Project Description								
This project is a partnership with the Oregon Department of Transportation to improve pedestrian crossings in the corridor. Project development began in 2017, with construction in 2018.								
Revenue Source(s)								
Fixing Our Street								
Total Expenditures	121,190	398,435	1,699,190	0	0	0	0	1,699,190
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - David Douglas School District - SR2S, SE								
				Total Project Cost:		1,080,276	Area:	Southeast
	Confidence:	Low	Original Cost:		1,080,276	Objective:	Maintenance-Safety	
Project Description								
The project will include several small Safe Routes to School (SR2S) projects. Specific locations and improvements are to be determined through SR2S planning efforts. Construction is planned for 2019.								
Revenue Source(s)								
Fixing Our Street								
Total Expenditures	1,259	0	322,521	632,755	0	0	0	955,276
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
148th Ave: Halsey - Glisan, NE				Total Project Cost:		1,710,345		Area: Northeast
	Confidence:	Low		Original Cost:		1,710,497		Maintenance-Safety

### Project Description

This project will construct sidewalks on NE 148th Ave from Halsey to Glisan St. Construction is planned for 2019. The project is funded by Fixing Our Streets revenue.

### Revenue Source(s)

Fixing Our Street

Total Expenditures	101,737	1,348,138	328,608	0	0	0	0	328,608
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

162nd Access to Transit				Total Project Cost:		1,718,000		Area: Southeast
	Confidence:	Low		Original Cost:		1,718,000		Maintenance-Safety

### Project Description

Roadway safety redesign, enhanced pedestrian crossings, enhanced bike lanes, bus stop improvements. Design begins in 2018; construction is planned for 2020.

### Revenue Source(s)

General Transportation Revenue and Tri-Met.

Total Expenditures	6,575	0	1,594,118	0	0	0	0	1,594,118
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

20th Ave Bike: Jefferson-Raleigh, NW				Total Project Cost:		499,725		Area: Southwest
	Confidence:	Low		Original Cost:		199,724		Maintenance-Safety

### Project Description

This project is for neighborhood greenway improvements on NW 20th Ave., including traffic calming speed bumps, signage, and crossing improvements.

### Revenue Source(s)

Fixing Our Street and TSDC

Total Expenditures	13,601	333,913	442,289	0	0	0	0	442,289
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

23rd Ave: Lovejoy-Vaugh, NW				Total Project Cost:		1,000,000		Area: Northwest
	Confidence:	Moderate		Original Cost:		1,000,000		Objective: Efficiency

### Project Description

Pavement reconstruction, enhanced pedestrian crossings, bus stop improvements, and a signal upgrade. Design begins in 2019; The intention is to advance the design to 10% then solidify funding sources .

### Revenue Source(s)

General Transportation Revenue and TSDC.

Total Expenditures	5,221	0	969,779	0	0	0	0	969,779
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

**NEW - 33rd & Marine Dr, NE****Total Project Cost:** 500,000**Area:** Northeast**Confidence:** Low**Original Cost:** 500,000**Objective:** Maintenance-Safety**Project Description**

The project will include a new traffic signal or roundabout at the intersection and modification to the road to include center turn lanes on Marine Drive with enough storage for current and future traffic. Consultant should look at least two options to accommodate traffic on 33rd Drive, 33rd frontage Rd as well as options for access to existing business on SW corner of the intersection.

**Revenue Source(s)**

Fixing Our Street

<b>Total Expenditures</b>	10,346	0	93,584	0	0	0	0	93,584
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**4M Greenway: 130th-174th, SE****Total Project Cost:** 1,701,724**Area:** Southeast**Confidence:** Low**Original Cost:** 551,724**Objective:** Maintenance-Safety**Project Description**

This project will build a neighborhood greenway (bike/walk route on low traffic, low speed streets) between 130th Ave and Gresham city limits, using SE Mill St, Millmain Dr, and Main St. It includes fire-friendly speed bumps, sharrows, wayfinding, bike lanes on higher volume segments, and limited sidewalk infill. Project development is underway and construction is anticipated in 2020.

**Revenue Source(s)**

Fixing Our Street and TSDC

<b>Total Expenditures</b>	109,972	1,048,966	201,986	1,237,724	0	0	0	1,439,710
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**60th/Halsey Area Improvements, NE****Total Project Cost:** 9,500,000**Area:** Northeast**Confidence:** Low**Original Cost:** 9,500,000**Objective:** Efficiency**Project Description**

This project will provide for paving, signal upgrades, and re-striping along Halsey, sidewalk widening and crossings on 60th Ave. Sixties Bikeway segment from Davis to Sacramento. Design begins in 2019; construction is planned for 2020 or 2021.

**Revenue Source(s)**

General Transportation Revenue, General Fund, and TSDC

<b>Total Expenditures</b>	0	0	652,971	8,247,029	0	0	0	8,900,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

70s Greenway Killingsworth-Cully Park			<b>Total Project Cost:</b>		4,990,000	<b>Area:</b>		Northeast/ Southeast
<b>Confidence:</b>		Low	<b>Original Cost:</b>		4,790,733	<b>Objective:</b>		Efficiency

### Project Description

This project constructs bikeway improvements on local streets in the 70s corridor to improve bicycle and pedestrian safety and connectivity. It will construct an offstreet path along NE 72nd Ave through the Rose City Golf Course. Design will begin in 2019, with construction scheduled for 2021.

### Revenue Source(s)

Federal Grant and TSDC

<b>Total Expenditures</b>	200,000	605,486	4,240,000	0	0	0	0	4,240,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

72nd Ave: Sandy - Killingsworth, NE			<b>Total Project Cost:</b>		4,734,305	<b>Area:</b>		Northeast
<b>Confidence:</b>		Low	<b>Original Cost:</b>		4,734,305	<b>Objective:</b>		Efficiency

### Project Description

Provide a high-quality pedestrian and bicycle parkway along NE 72nd Ave through the heart of Cully. This project will connect Cully residents to nearby commercial areas and schools, provide multimodal accessibility to parks and green space in Cully and Roseway, and will connect to the future 70s Bikeway to the south. The project would construct a neighborhood greenway with traffic calming and crossing improvements from Sandy to Prescott, physically separated pedestrian and bicycle pathways on the west side of 72nd from Prescott to Sumner, and a shared multi-use path on the west side of 72nd from Sumner to Killingsworth. The project will also include lighting, street trees, and place-making elements.

### Revenue Source(s)

Federal Grant and TSDC

<b>Total Expenditures</b>	0	919,755	916,659	3,667,646	0	0	0	4,584,305
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

7th/9th Ave Greenway: Lloyd-Fremont, NE			<b>Total Project Cost:</b>		2,000,000	<b>Area:</b>		Northeast
<b>Confidence:</b>		Low	<b>Original Cost:</b>		551,724	<b>Objective:</b>		Maintenance- Safety

### Project Description

This project will evaluate two possible corridors for the extension of the 7th Ave bikeway north of Broadway St. The project development phase began in 2018, with construction planned for 2019 or 2020.

### Revenue Source(s)

Fixing Our Street  
and TSDC

<b>Total Expenditures</b>	133,645	401,852	381,488	1,297,457	0	0	0	1,678,945
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
82nd Ave Crossing Improve, SE/NE				Total Project Cost:		704,000	Area:	Northeast/ Southeast
	Confidence:	Low		Original Cost:		704,000	Objective:	Maintenance- Safety

**Project Description**

This project is a partnership with the Oregon Department of Transportation to improve pedestrian crossings in the corridor. Project development began in 2017, with construction in 2018.

**Revenue Source(s)**

Fixing Our Street

Total Expenditures	0	596,703	569,527	0	0	0	0	569,527
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

ADA Accessible Sidewalks				Total Project Cost:		47,038,035	Area:	Citywide
	Confidence:	Low		Original Cost:		15,000,000	Objective:	Replacement

**Project Description**

The Americans with Disabilities Act (ADA) requires that curbed corners with sidewalk be replaced with curb ramps so that people with mobility issues cross the street and have the ability to reach the refuge of the sidewalk and get out of the vehicular travel way. This \$5.0 million General Fund allocation will be used to design and construct curb ramp improvements throughout the city as identified by the Civil Rights Education and Enforcement Center (CREEC). Project development and design efforts commenced in Fall of 2018 and continue for at least the next three years.

**Revenue Source(s)**

General Transportation Revenue, General Fund and Build Portland

Total Expenditures	0	8,801,270	10,959,607	9,019,607	9,019,607	9,019,607	9,019,607	47,038,035
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - All Roads Transportation Safety Project(ARTS)				Total Project Cost:		7,286,750	Area:	Citywide
	Confidence:	Low		Original Cost:		7,286,750	Objective:	Maintenance- Safety

**Project Description**

Project will install coordinated/adaptive signal timing, illumination, full signal rebuild, traffic separator, mast arm poles or other traffic signal or traffic safety related improvement to improve the safety of the corridor/intersection/site location

**Revenue Source(s)**

State grants and General Transportation Revenue

Total Expenditures	0	0	724,560	2,477,178	4,085,013	0	0	7,286,751
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Brentwood-Darlington - SRTS, SE				<b>Total Project Cost:</b>		5,350,000	<b>Area:</b>	Southeast
	<b>Confidence:</b>	Low		<b>Original Cost:</b>		5,350,000	<b>Objective:</b>	Efficiency

### Project Description

This project will provide safe routes to several Title 1 schools and access to transit in a neighborhood with very poor sidewalk coverage. Sidewalk infill will be constructed on both sides of SE Duke St from 52nd to 82nd Aves and on both sides of SE Flavel St from 52nd to 82nd Aves. A low-stress neighborhood greenway with traffic calming, way-finding, and improved crossings (including at 82nd Ave) will be constructed on Knapp and Ogden Streets from 52nd to 87th, connecting the 50s and 80s Neighborhood Greenways.

### Revenue Source(s)

Federal Grant and TSDC

<b>Total Expenditures</b>	0	637,661	1,071,525	1,071,525	3,206,950	0	0	5,350,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Bridge Column Safety</b>				<b>Total Project Cost:</b>		250,000	<b>Area:</b>	Citywide
	<b>Confidence:</b>	Low		<b>Original Cost:</b>		250,000	<b>Objective:</b>	Maintenance-Safety

### Project Description

This project will install or upgrade impact attenuators at the following locations: NE Columbia Blvd/Columbia Pkwy, N Columbia/Interstate, Marine Dr/Portland Rd, Marind Dr/112th, Division/Grand, SW Barbur/Capitol Hwy, SW Naito/Arthru/Ross Island Bridge. Other locations on Truck Crash Corridors or on the High Crash Network may be added if funding allows.

### Revenue Source(s)

Fixing Our Street

<b>Total Expenditures</b>	841	125,000	128,315	0	0	0	0	128,315
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Burgard Rd at Time Oil Rd, N</b>				<b>Total Project Cost:</b>		2,834,899	<b>Area:</b>	Citywide
	<b>Confidence:</b>	Low		<b>Original Cost:</b>		2,635,000	<b>Objective:</b>	Efficiency

### Project Description

This is a priority project in the Freight Master Plan and implements the St Johns Truck Strategy by reinforcing the Burgard/Lombard street segment as the designated freight route in north Portland. This phase of the project will focus improvements along the Time Oil/Burgard intersection to improve sight distance and mainline system performance, reduce travel delays and vehicular conflicts between trucks and autos, and improve ingress/egress to the NW Container Service property. This project will widen the existing roadway and include two 12-foot travel lanes, as well as one 14-foot left turn lane with two left turn pockets to accommodate truck turning movements onto northbound N Time Oil Rd and into the NW Container Services site. This project is funded through federal funds and SDC

### Revenue Source(s)

Federal grant and TDC

<b>Total Expenditures</b>	2,100,580	358,865	95,268	0	0	0	0	95,268
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Cap Hwy: Huber - Stephenson, SW				Total Project Cost:	2,000,000			Area: Southwest
	Confidence:	Low	Original Cost:		2,000,000			Objective: Efficiency
Project Description								
Roadway safety redesign, enhanced pedestrian crossings, enhanced bike lanes, and signal upgrades. Design begins in 2019; construction is planned for 2020.								
Revenue Source(s)								
General Transportation Revenue and TSDC								
Total Expenditures	0	0	204,407	1,795,593	0	0	0	2,000,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Capitol Hwy: Multnomah Village - West Portland, SW				Total Project Cost:	10,060,087			Area: Southwest
	Confidence:	Low	Original Cost:		10,310,245			Objective: Maintenance-Safety
Project Description								
The project is located on SW Capitol Hwy between Garden Home Rd and Taylors Ferry Rd. The project will construct a sidewalk and protected bike lane on the east side of the roadway, a multi-use path on the west side of the roadway, pedestrian crossings, stormwater improvements, water main improvements, and several minor side street improvements.								
Revenue Source(s)								
Fixing Our Street, TSDC, Bureau of Environmental Services, and State grant								
Total Expenditures	382,452	4,602,642	9,177,635	0	0	0	0	9,177,635
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Capitol Hwy: Huber - Taylors Ferry, SW				Total Project Cost:	2,050,587			Area: Southwest
	Confidence:	Low	Original Cost:		2,050,587			Objective: Efficiency
Project Description								
This cost center will be used for potential contribution of local funding - most likely Fixing Our Streets "ODOT Partnership" line item - to the ODOT ARTS project at Barbur & Capitol Highway. Local funding may be used for sidewalk construction, right-of-way acquisition, or other leverage opportunities as appropriate.								
Revenue Source(s)								
State Grant and Fixing Our Street								
Total Expenditures	0	2,050,587	55,144	24,856	0	0	0	80,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
NEW - Centennial HS-SRTS, SE				Total Project Cost:	529,656			Area: Southeast
	Confidence:	Low	Original Cost:		529,656			Objective: Maintenance-Safety
Project Description								
This project includes four individual safe routes to school projects in this high school cluster. The projects may include pedestrian hybrid beacons & rapid flashing beacons, sidewalk infill, pedestrian crossing signs & markings, median islands and ADA compliant curb ramps, speed bumps and speed cushions.								
Revenue Source(s)								
Fixing Our Street.								
Total Expenditures	5,646	0	196,133	320,877	0	0	0	517,010
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Central City Multi-Modal Safety Projects			Total Project Cost:		9,054,509		Area: Central City	
Confidence:		Low		Original Cost:		6,618,001		Objective: Maintenance-Safety
Project Description								
This project will identify and implement specific projects in the Central City to improve bicycle and pedestrian safety, prioritize transit, and encourage greater use of active transportation. The planning phase wrapped up in 2018 and design and early implementation will begin in 2019.								
Revenue Source(s)								
Federal grant, Parking Meter Revenue, Interagency, General Transportation Revenue, Fixing Our Street, and TSDC								
Total Expenditures	877,871	1,302,432	2,235,379	5,311,259	0	0	0	7,546,638
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Central Eastside Access and Circulation			Total Project Cost:		4,400,000		Area: Citywide	
Confidence:		Low		Original Cost:		4,400,000		Objective: Efficiency
Project Description								
The project will improve freight access and circulation and reduce conflicts in the Central Eastside by adding new traffic signals and modifying existing traffic signals consistent with the adopted SE Quadrant Plan.								
Revenue Source(s)								
Federal Grant and TSDC								
Total Expenditures	0	319,331	421,758	3,878,242	0	0	0	4,300,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
CIP Spot Improvement Program			Total Project Cost:		14,010,000		Area: Citywide	
Confidence:		Low		Original Cost:		Ongoing		Objective: Maintenance-Safety
Project Description								
This funding request will be used for the eleven citywide quick-response programs that were adopted by City Council in the Transportation System Plan's Major Projects List in December 2016. These programs invest in small-scale transportation projects that, among other things, address safety concerns on high crash corridors and near schools, fill in gaps and upgrade infrastructure on the multimodal transportation network, and make operational improvements to improve traffic flow, reliability, and access on major transit and freight corridors.								
Revenue Source(s)								
General Transportation Revenue								
Total Expenditures	0	2,024,888	2,385,000	2,385,000	2,385,000	2,385,000	2,385,000	11,925,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>NEW - Cleveland HS-SRTS, SE</b>				<b>Total Project Cost:</b>	730,483		<b>Area:</b>	Southeast
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	730,483		<b>Objective:</b>	Maintenance-Safety
<b>Project Description</b>								
This project includes thirteen individual safe routes to school projects in this high school cluster. The projects may include pedestrian hybrid beacons & rapid flashing beacons, sidewalk infill, pedestrian crossing signs & markings, median islands and ADA compliant curb ramps, speed bumps and speed cushions.								
<b>Revenue Source(s)</b>								
Fixing Our Street.								
<b>Total Expenditures</b>	1,928	0	201,141	489,414	0	0	0	690,555
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>NEW - Columbia Blvd: Bank St to Macrum Ave, N</b>				<b>Total Project Cost:</b>	2,150,000		<b>Area:</b>	North
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	2,150,000		<b>Objective:</b>	Maintenance-Safety
<b>Project Description</b>								
The project consists of installing a signalized pedestrian crossing at the intersection of Bank Street and Columbia Boulevard, improving access management near the intersection, and studying the desirability or removing or retaining the existing pedestrian bridge at the intersection.								
<b>Revenue Source(s)</b>								
State Grant and TSDC								
<b>Total Expenditures</b>	3,165	500,000	1,550,000	0	0	0	0	1,550,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>Connect Cully, NE</b>				<b>Total Project Cost:</b>	3,907,499		<b>Area:</b>	Northeast
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	3,337,372		<b>Objective:</b>	Efficiency
<b>Project Description</b>								
This project will provide sidewalk improvements on bikeway improvements along NE Killingsworth St and NE 72nd Ave, in the Cully neighborhood. Design began in 2018 with construction planned to begin fall/summer 2019.								
<b>Revenue Source(s)</b>								
Federal grant and General Transportation Revenue								
<b>Total Expenditures</b>	337,870	2,671,219	2,560,000	0	0	0	0	2,560,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>Cornfoot: 47th - Alderwood, NE</b>				<b>Total Project Cost:</b>	4,025,847		<b>Area:</b>	Northeast
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	4,025,847		<b>Objective:</b>	Efficiency
<b>Project Description</b>								
This project will provide for a multi-use path on north side of roadway, paving, and intersection improvements. Design begins in 2019; construction is planned for 2021.								
<b>Revenue Source(s)</b>								
General Transportation Revenue and TSDC								
<b>Total Expenditures</b>	0	0	3,275,847	0	0	0	0	3,275,847
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Cully North-South Connections			Total Project Cost:		1,755,479		Area:	Northeast
Confidence:		Low	Original Cost:		1,755,479		Objective:	Efficiency
Project Description								
50s and 60s neighborhood greenways, and sidewalk along NE 60th Ave. Design began in 2018; construction is planned for 2019.								
Revenue Source(s)								
HB 2017 and TSDC								
Total Expenditures	3,421	0	430,479	1,125,000	0	0	0	1,555,479
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Division St: 82nd-174th, SE			Total Project Cost:		4,685,000		Area:	Southeast
Confidence:		Low	Original Cost:		185,379		Objective:	Maintenance-Safety
Project Description								
This project was identified in the East Portland in Motion five-year implementation strategy final report. It includes upgrading existing bike lanes to buffered bike lanes on SE Division from I-205 to SE 130th. This project is currently in the planning phase, with construction anticipated to be in 2019/2020.								
Revenue Source(s)								
Fixing Our Street, General Transportation Revenue, General Fund and TSDC								
Total Expenditures	499,207	5,815,000	3,373,565	0	0	0	0	3,373,565
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Downtown I-405 Ped Safety Imp, SW			Total Project Cost:		3,183,401		Area:	Southwest
Confidence:		Low	Original Cost:		2,240,094		Objective:	Efficiency
Project Description								
This project will provide pedestrian safety and operational safety improvements at several key intersections in the vicinity of I-405 and Burnside. Design began in 2016, with construction planned for 2019. The project is funded by the ODOT Enhance fund, GTR and SDCs.								
Revenue Source(s)								
Federal grant, General Transportation Revenue and TSDC								
Total Expenditures	212,455	2,828,587	2,785,566	0	0	0	0	2,785,566
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
East Portland Access to Employment			Total Project Cost:		7,000,880		Area:	East
Confidence:		Low	Original Cost:		5,870,072		Objective:	Efficiency
Project Description								
This project will provide pedestrian and bicycle improvements in East Portland to improve access to jobs, schools, and transit. Specific improvements include the 100s Neighborhood Greenway extension, 150s Neighborhood Greenway, sidewalk infill and bike lanes on SE Market St (92nd-130th) and SE Cherry Blossom Dr (Washington-Market), and 10 new or enhanced pedestrian/bicycle crossings or arterials.								
Revenue Source(s)								
Federal grant, General Transportation Revenue, and TSDC								
Total Expenditures	524,398	2,667,741	4,792,916	416,518	0	0	0	5,209,434

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

**NEW - Flanders Bkwy: 1st-24th Ave, NW****Total Project Cost:** 2,393,000**Area:** Northwest**Confidence:** Low**Original Cost:** 2,393,000**Objective:** Replacement**Project Description**

This project will improve conditions for bicycling and walking by upgrading crossings of busy streets and creating new connections to existing and forthcoming bicycle and pedestrian infrastructure. The project will help connect Waterfront Park and NW neighborhoods and provide direct access to a new bridge over I-405.

**Revenue Source(s)**

TSDC

<b>Total Expenditures</b>	4,958	0	1,860,340	0	0	0	0	1,860,340
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Flander Crossing, NE****Total Project Cost:** 5,771,756**Area:** Northwest**Confidence:** Low**Original Cost:** 5,540,414**Objective:** Replacement**Project Description**

This project will construct a new bicycle and pedestrian crossing of Interstate 405 at NW Flanders St and bikeway improvements along NW Flanders St from Naito Parkway to NW 23rd Ave. Design began in 2017, with construction of the bridge planned for 2019.

**Revenue Source(s)**

State grant and TSDC

<b>Total Expenditures</b>	376,900	771,756	3,047,837	1,523,919	0	0	0	4,571,756
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Foster/Woodstock Couplet: 96th-101st, SE****Total Project Cost:** 7,000,000**Area:** Southeast**Confidence:** Low**Original Cost:** 7,000,000**Objective:** Efficiency**Project Description**

This project will provide for paving, new traffic signals, roadway safety redesign, enhanced pedestrian crossings, and enhanced bike lanes. Design began in 2018 with construction planned for 2020.

**Revenue Source(s)**

General Transportation Revenue, TSDC and Build Portland.

<b>Total Expenditures</b>	4,791	250,000	5,498,558	0	0	0	0	5,498,558
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**NEW - Franklin HS - traffic calming near Lents ES****Total Project Cost:** 899,310**Area:** Southeast**Confidence:** Low**Original Cost:** 899,310**Objective:** Maintenance-Safety**Project Description**

This project includes nine individual safe routes to school projects in this high school cluster. The project may include pedestrian hybrid beacons & rapid flashing beacons, sidewalk infill, pedestrian crossing signs & markings, median islands and ADA compliant curb ramps, speed bumps and speed cushions.

**Revenue Source(s)**

Fixing Our Streets

<b>Total Expenditures</b>	30,096	0	145,007	584,207	0	0	0	729,214
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Gideon Pedestrian Overcrossing, SE</b>			<b>Total Project Cost:</b>	1,333,418			<b>Area:</b>	Southeast
<b>Confidence:</b>	Low		<b>Original Cost:</b>	1,333,418			<b>Objective:</b>	Efficiency

**Project Description**

As part of the Portland-Milwaukie Orange Line project, TriMet and the City of Portland are partnering to build a new bicycle/pedestrian bridge that spans the UPRR and TriMet's MAX Orange Line tracks, from SE 14th Avenue north of the tracks and SE 13th Place at SE Gideon Street, near the Clinton St/SE 12th Ave MAX Station. This project replaces the function of the City's original Brooklyn Pedestrian Bridge which had to be demolished with the Orange Line track construction. It was deferred during the Orange Line design process to address a funds shortfall. In Fall 2017 the FTA agreed to allow remaining Orange Line project funds to be used to build the bridge. Construction starts in February 2019 and the bridge will open in Spring 2020. This project is funded by GTR, SDC, and Tri-Met

**Revenue Source(s)**

General Transportation Revenue, TSDC, and Tri-Met

<b>Total Expenditures</b>	55,996	626,256	451,166	200,000	0	0	0	651,166
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Glisan St: 82nd-162nd, NE</b>			<b>Total Project Cost:</b>	1,500,000			<b>Area:</b>	Northeast
<b>Confidence:</b>	Low		<b>Original Cost:</b>	1,500,000			<b>Objective:</b>	Efficiency

**Project Description**

Also known as the Outer Glisan Safety Project, this project will stitch together four other capital projects with a cohesive corridor treatment on NE Glisan St to reduce serious and fatal crashes and better match multi-modal travel demand. Road reorganization and buffered bike lanes are proposed from 102nd Avenue to 162nd Avenue. Spot safety improvements are proposed at other locations along the corridor.

**Revenue Source(s)**

TSDC and Cannabis Tax

<b>Total Expenditures</b>	38,757	586,219	200,000	1,100,000	0	0	0	1,300,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - Grant/Jefferson HS, SRTS, N</b>			<b>Total Project Cost:</b>	755,862			<b>Area:</b>	North
<b>Confidence:</b>	Low		<b>Original Cost:</b>	755,862			<b>Objective:</b>	Maintenance-Safety

**Project Description**

This project includes six individual safe routes to school projects in this high school cluster. The projects may include pedestrian hybrid beacons & rapid flashing beacons, sidewalk infill, pedestrian crossing signs & markings, median islands and ADA compliant curb ramps, speed bumps and speed cushions.

**Revenue Source(s)**

Fixing Our Street

<b>Total Expenditures</b>	10,040	0	167,040	529,782	0	0	0	696,822
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Greeley Multiuse Path: Going-Interstate, N</b>				<b>Total Project Cost:</b>		1,900,000	<b>Area:</b>	North
<b>Confidence:</b>	Low		<b>Original Cost:</b>		1,900,000	<b>Objective:</b>		Efficiency

**Project Description**

This project will provide a two-way, barrier-separated, multi-use path along the east side of N Greeley Ave from Going St. to Interstate. Project development is underway and construction is anticipated in 2019.

**Revenue Source(s)**

Fixing Our Street, General Transportation Revenue and General Fund

<b>Total Expenditures</b>	61,047	949,255	1,369,940	0	0	0	0	1,369,940
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Halsey St: 114th-162nd, NE</b>				<b>Total Project Cost:</b>		4,459,000	<b>Area:</b>	Northeast
<b>Confidence:</b>	Low		<b>Original Cost:</b>		2,291,000	<b>Objective:</b>		Maintenance-Safety

**Project Description**

This project will provide multi-modal safety improvements to NE Halsey St east of 114th Ave. Main elements include four median refuge islands with rapid flash beacons, and sidewalk infill, as budget allows. Construction is anticipated in 2019. A second phase, contingent on pending traffic analysis, proposes widening of existing bicycle facilities through reorganization of the roadway.

**Revenue Source(s)**

TSDC and General Fund

<b>Total Expenditures</b>	5,434	2,242,474	3,453,566	0	0	0	0	3,453,566
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - Halsey: 65th - 92nd, NE</b>				<b>Total Project Cost:</b>		5,160,000	<b>Area:</b>	Northeast
<b>Confidence:</b>	Low		<b>Original Cost:</b>		5,160,000	<b>Objective:</b>		Replacement

**Project Description**

This project will provide buffered bike lanes, a separated multi-use path, and crossing improvements along NE Halsey between 65th and 92nd. Design began in 2018; construction is planned for 2021 or 2022. The project is funded by a federal grant awarded through the Metro 2019-21 grant process.

**Revenue Source(s)**

Federal Grant, TSDC and General Transportation Revenue.

<b>Total Expenditures</b>	0	300,000	820,907	2,474,387	1,536,343	0	0	4,831,637
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - Holgate Blvd: 92nd-136th, SE</b>				<b>Total Project Cost:</b>		3,365,000	<b>Area:</b>	Southeast
<b>Confidence:</b>	Low		<b>Original Cost:</b>		3,365,000	<b>Objective:</b>		Efficiency

**Project Description**

Complete remaining sidewalk and bike lane gaps on both sides of SE Holgate Boulevard between 92nd and 136th Aves.

**Revenue Source(s)**

TSDC and Cannabis Tax

<b>Total Expenditures</b>	0	0	175,851	3,189,149	0	0	0	3,365,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
HOP Greenway: Gateway TC-132nd, NE				Total Project Cost:		1,483,724		Area: Northeast
	Confidence:	Low		Original Cost:		551,724		Maintenance-Safety

### Project Description

This project constructs a neighborhood greenway (bike/walk route on low traffic, low speed streets) between Gateway Transit Center and 132nd Ave, using NE Holladay, Oregon and Pacific Streets. It includes speed bumps, sharrows, wayfinding, crossing improvements at 102nd and 122nd Avenues, and the paving of approximately 500 feet of unimproved streets using alternatives standards. Project development is underway and construction is anticipated in 2019.

### Revenue Source(s)

Fixing Our Street and TSDC

Total Expenditures	127,444	878,500	624,440	0	0	0	0	624,440
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Hwy Safety Improvement Prgm (HSIP) & Safety Ops CW				Total Project Cost:		1,872,545		Area: Citywide
	Confidence:	Low		Original Cost:		5,201,372		Efficiency

### Project Description

The program goal for Highway Safety Improvement Program (HSIP) is to reduce fatal and serious injury crashes on all public roads, driven by safety data. Projects include safety features such as signals, crosswalks, and pedestrian beacons. Project activities in FY 2017-18 include final engineering and construction, with project completion in FY 2019-20.

### Revenue Source(s)

Federal grant and General Transportation Revenue

Total Expenditures	343,265	658,543	197,458	0	0	0	0	197,458
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

I-205 Undercrossing @ Halsey, NE				Total Project Cost:		3,631,000		Area: Northeast
	Confidence:	Low		Original Cost:		1,683,000		Maintenance-Safety

### Project Description

This project will construct a bicycle and pedestrian crossing under I-205 adjacent to NE Halsey street providing access from the Tillamook bikeway to the Gateway district. Project development began in 2018. Construction planned for 2020

### Revenue Source(s)

Federal grant, TSDC and General Transportation Revenue

Total Expenditures	26,124	673,332	489,214	2,520,891	0	0	0	3,010,105
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted		Capital Plan			
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Jade-Montevilla Connected Centers NE				Total Project Cost:		7,194,000		Area: Northeast
	Confidence:	Low		Original Cost:		7,194,000		Objective: Efficiency

**Project Description**

This project will construct multi-modal improvements on key pedestrian and bicycle routes within and connecting to the Jade District and Montavilla Neighborhood Centers in SE Portland. Project elements include sidewalks and lighting on SE Clinton between 82nd Ave and 87th Ave; sidewalk infill and traffic calming on portions of SE 85th Ave between Powell Blvd and Division St; paving and adding walkway to unimproved portions of the SE Woodward/Brooklyn Neighborhood Greenway between 75th and 85th Aves; protected bike lane on SE Washington St from 72nd to 92nd Ave/ I-205 multi-use path; reconfiguring left turn movements from 82nd Ave to the Stark/Washington couplet; and enhanced crossings of the Stark/Washington couplet at 84th and 86th Aves.

**Revenue Source(s)**

Federal Grant and TSDC

Total Expenditures	0	748,699	1,351,525	1,351,525	4,490,950	0	0	7,194,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

**NEW - Lincoln HS-SRTS, SW**

Total Project Cost:

681,931

Area: Southwest

Confidence: Low

Original Cost:

681,931

Objective: Maintenance-Safety

**Project Description**

This project includes nineteen individual safe routes to school projects in this high school cluster. The projects may include pedestrian hybrid beacons & rapid flashing beacons, sidewalk infill, pedestrian crossing signs & markings, median islands and ADA compliant curb ramps, speed bumps and speed cushions.

**Revenue Source(s)**

Fixing Our Street.

Total Expenditures	5,974	0	106,823	535,134	0	0	0	641,957
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

**Lombard St: St Louis-Richmond, N**

Total Project Cost:

4,000,000

Area: North

Confidence: Low

Original Cost:

4,000,000

Objective: Efficiency

**Project Description**

Pavement reconstruction, enhanced pedestrian crossings, bus stop improvements, streetscape enhancements and a signal upgrade. Design begins in 2019; construction is planned for 2021.

**Revenue Source(s)**

General Transportation Revenue, TSDC, Build Portland

Total Expenditures	0	0	489,489	3,010,511	200,000	0	0	3,700,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
NEW - Madison/Jefferson HS-SRTS, NE			Total Project Cost:		695,172	Area:		
Confidence:			Low	Original Cost:		695,172	Objective:	
							Northeast Maintenance- Safety	

### Project Description

This project includes five individual safe routes to school projects in this high school cluster. The projects may include pedestrian hybrid beacons & rapid flashing beacons, sidewalk infill, pedestrian crossing signs & markings, median islands and ADA compliant curb ramps, speed bumps and speed cushions.

### Revenue Source(s)

Fixing Our Street

Total Expenditures	0	0	83,144	482,028	0	0	0	565,172
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Montavilla-Springwater Connector, SE/NE			Total Project Cost:		1,223,190	Area:		
Confidence:			Low	Original Cost:		551,724	Objective:	
							Northeast/ Southeast Maintenance- Safety	

### Project Description

This project will provide bikeway improvements connecting the 70s bikeway to the Springwater Trail. Project development will begin in 2018.

### Revenue Source(s)

Fixing Our Street and TSDC

Total Expenditures	48,606	156,114	918,470	0	0	0	0	918,470
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Multnomah Blvd @ Garden Home, SW			Total Project Cost:		2,155,980	Area:		
Confidence:			Low	Original Cost:		2,156,000	Objective:	
							Southwest Maintenance- Safety	

### Project Description

This project will realign the intersection of SW Multnomah Boulevard and SW Garden Home Road to improve safety for all modes. The project is in a part of the City of Portland located in Washington County and is a partnership between both entities. Washington County is providing \$1,000,000 from its MSTIP 3e program; the balance will be funded by City of Portland TSDCs and remaining Traffic Impact Fees that City of Portland collected in Washington County.

### Revenue Source(s)

TSDC and Washington County Impact Fee

Total Expenditures	6,837	295,343	890,606	1,115,537	0	0	0	2,006,143
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Naito/Whitaker Crossing, SW				Total Project Cost:		500,000		Area: Southwest
	Confidence:	Low		Original Cost:		500,000		Objective: Efficiency

**Project Description**

Enhanced pedestrian crossing including pedestrian hybrid signal and curb and sidewalk reconstruction at SW Naito & Whitaker. Design began in 2012 and restarted in 2018; construction is planned for late 2018.

**Revenue Source(s)**

General Transportation Revenue.

Total Expenditures	0	0	138,732	0	0	0	0	138,732
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Active Transportation Improvements				Total Project Cost:		5,400,000		Area: Citywide
	Confidence:	Low		Original Cost:		Ongoing		Objective: Efficiency

**Project Description**

The project continues pedestrian and bicycle safety improvements throughout the city by providing the following: crossing improvements at busier streets, speed reduction on neighborhood streets, neighborhood safety improvements, sidewalk and bicycle network infill, and safety improvements on the pedestrian and bicycle network.

**Revenue Source(s)**

General Transportation Revenue

Total Expenditures	0	1,760,838	900,000	900,000	900,000	900,000	900,000	4,805,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - Outer Powell Project				Total Project Cost:		295,153		Area: Southeast
	Confidence:	Low		Original Cost:		295,153		Objective: Efficiency

**Project Description**

This project will construct sidewalks, bike lanes, a continuous center turn lane/median, signal replacements, enhanced crossings and stormwater improvements on SE Powell Blvd. from SE 99th to the city limits (excluding SE 122nd to 136th Ave.). Design will begin in 2019 with construction anticipated for 2021 through 2024.

**Revenue Source(s)**

State Grant

Total Expenditures	0	0	95,153	200,000	0	0	0	295,153
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - Parkrose HS-SRTS, NE				Total Project Cost:		619,034		Area: Northeast
	Confidence:	Low		Original Cost:		619,034		Maintenance-Safety

**Project Description**

This project includes ten individual safe routes to school projects in this high school cluster. The projects may include pedestrian hybrid beacons & rapid flashing beacons, sidewalk infill, pedestrian crossing signs & markings, median islands and ADA compliant curb ramps, speed bumps and speed cushions.

**Revenue Source(s)**

Fixing Our Street

Total Expenditures	4,851	0	72,886	520,797	0	0	0	593,683
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Powell St Lighting: I-205-174th, SE			Total Project Cost:	345,379			Area:	Southeast
	Confidence:	Low	Original Cost:	345,379			Objective:	Maintenance-Safety

### Project Description

The funds associated with this project will provide street lights and possibly poles at up to 25 locations. An LED street lighting retrofit will also be completed. Ongoing discussions with ODOT will determine other improvements to the lighting systems along this corridor.

### Revenue Source(s)

Fixing Our Street

Total Expenditures	0	345,379	345,379	0	0	0	0	345,379
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - Reynolds HS-SRTS, SW			Total Project Cost:	559,448			Area:	Southwest
	Confidence:	Low	Original Cost:	559,448			Objective:	Maintenance-Safety

### Project Description

This project includes six individual safe routes to school projects in this high school cluster. The projects may include pedestrian hybrid beacons & rapid flashing beacons, sidewalk infill, pedestrian crossing signs & markings, median islands and ADA compliant curb ramps, speed bumps and speed cushions.

### Revenue Source(s)

Fixing Our Street

Total Expenditures	274	0	120,511	431,163	0	0	0	551,674
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - Roosevelt/Jefferson HS-SRTS, N			Total Project Cost:	785,655			Area:	North
	Confidence:	Low	Original Cost:	785,655			Objective:	Maintenance-Safety

### Project Description

This project includes five individual safe routes to school projects in this high school cluster. The projects may include pedestrian hybrid beacons & rapid flashing beacons, sidewalk infill, pedestrian crossing signs & markings, median islands and ADA compliant curb ramps, speed bumps and speed cushions.

### Revenue Source(s)

Fixing our Street

Total Expenditures	1,857	0	126,711	618,587	0	0	0	745,298
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>NEW - Rosa Pkwy: Willamette Blvd-MLK Blvd,N/NE</b>				<b>Total Project Cost:</b>	521,000		<b>Area:</b>	North
<b>Confidence:</b>	Low			<b>Original Cost:</b>	521,000		<b>Objective:</b>	Efficiency

**Project Description**

This project will improve safety for freight operations and people bicycling and walking in the Lower Albina District.

**Revenue Source(s)**

General Transportation Revenue

<b>Total Expenditures</b>	17,544	0	260,528	0	0	0	0	260,528
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**NEW - Ross Island Bridgehead**

<b>Total Project Cost:</b>	1,005,655	<b>Area:</b>	Southeast
<b>Confidence:</b>	Low	<b>Original Cost:</b>	1,005,655
		<b>Objective:</b>	Efficiency

**Project Description**

This is a new project for FY 19-20 led by PBOT to rebuild Naito Parkway between Kelly and Barbur as a civic main street and re-organize access to/from the Ross Island Bridge. It will fulfill decades-long planning efforts to reconnect the South Portland neighborhood that was divided by multiple regional transportation projects. Initial concept design is being developed by TriMet for inclusion in the regional funding measure for 2020.

**Revenue Source(s)**

TSDC

<b>Total Expenditures</b>	0	0	505,655	500,000	0	0	0	1,005,655
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Safer Access to Bus Shelters, SE/NE**

<b>Total Project Cost:</b>	220,690	<b>Area:</b>	Northeast/ Southeast
<b>Confidence:</b>	Low	<b>Original Cost:</b>	220,690
		<b>Objective:</b>	Maintenance- Safety

**Project Description**

The funds associated with this project will provide street lights and possibly poles at up to 25 locations. An LED street lighting retrofit will also be completed. Ongoing discussions with ODOT will determine other improvements to the lighting systems along this corridor.

**Revenue Source(s)**

Fixing Our Street

<b>Total Expenditures</b>	12,743	220,690	110,345	0	0	0	0	110,345
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Hwy Safety Improvement Prgm (HSIP) Signals**

<b>Total Project Cost:</b>	1,209,634	<b>Area:</b>	Citywide Maintenance-
<b>Confidence:</b>	Low	<b>Original Cost:</b>	1,209,634
		<b>Objective:</b>	Safety

**Project Description**

Improve driver visibility and response at traffic signals by installing larger backboards and signal heads throughout the city, other improvements at signalized intersections throughout the city.

**Revenue Source(s)**

General Transportation Revenue and State grant

<b>Total Expenditures</b>	38,161	1,996,098	354,730	0	0	0	0	354,730
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>Southwest in Motion Bike Lanes, SW</b>				<b>Total Project Cost:</b>	185,379		<b>Area:</b>	Southwest
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	185,379		<b>Objective:</b>	Maintenance-Safety
<b>Project Description</b>								
Design work on this project began in late 2018, with construction planned for 2020. The project will design and construct priority bike projects identified in the SWIM Plan.								
<b>Revenue Source(s)</b>								
Fixing Our Street								
<b>Total Expenditures</b>	0	185,379	185,379	0	0	0	0	185,379
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>Southwest in Motion Xing Priorities, SW</b>				<b>Total Project Cost:</b>	551,724		<b>Area:</b>	Southwest
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	551,724		<b>Objective:</b>	Maintenance-Safety
<b>Project Description</b>								
Design work on this project is anticipated to begin in late 2017, with construction during 2018. The project will design and construct priority pedestrian network projects identified in the SWIM Plan.								
<b>Revenue Source(s)</b>								
Fixing Our Street								
<b>Total Expenditures</b>	0	551,724	551,724	0	0	0	0	551,724
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0
<b>Stark: 108th-162nd, SE</b>				<b>Total Project Cost:</b>	20,145,000		<b>Area:</b>	Southeast
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	20,145,000		<b>Objective:</b>	Efficiency
<b>Project Description</b>								
Roadway safety redesign, enhanced pedestrian crossings, enhanced bike lanes, signal upgrades, and paving. Planning begins in 2019; design in 2020 and construction in 2021.								
<b>Revenue Source(s)</b>								
General Transportation Revenue, TSDC, Cannabis Tax and Build Portland.								
<b>Total Expenditures</b>	0	250,000	786,375	5,228,572	13,645,000	0	0	19,659,947
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Sullivan's Crossing over I-84, NE				Total Project Cost:		13,250,889		Area: Northeast
	Confidence:	Low		Original Cost:		13,000,000		Maintenance-Safety

**Project Description**

The project is a new pedestrian/bicycle bridge over Sullivan's Gulch between the Lloyd and the Central Eastside Industrial Districts in NE Portland. The scope includes an alternatives analysis for the adjacent segment of the Sullivan's Gulch Trail between Eastbank Esplanade and NE 12th Avenue. Design began in 2017 and 2018, with construction in 2019.

**Revenue Source(s)**

TSDC and Prosper Portland

Total Expenditures	806,400	1,630,946	8,188,095	2,256,394	0	0	0	10,444,489
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

US 30 Xing Enhance (Linnton), NW				Total Project Cost:		185,381		Area: Northwest
	Confidence:	Low		Original Cost:		185,381		Maintenance-Safety

**Project Description**

This project will provide a new pedestrian crossing of US-30 in the Linnton neighborhood in partnership with ODOT. Design and construction will occur in 2019.

**Revenue Source(s)**

Fixing Our Street

Total Expenditures	0	185,381	185,381	0	0	0	0	185,381
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - Wilson High School - SRTS, SW				Total Project Cost:		644,276		Area: Southeast
	Confidence:	Low		Original Cost:		1,289,276		Maintenance-Safety

**Project Description**

This project includes eight individual safe routes to school projects in this high school cluster. The projects may include pedestrian hybrid beacons & rapid flashing beacons, sidewalk infill, pedestrian crossing signs & markings, median islands and ADA compliant curb ramps, speed bumps and speed cushions.

**Revenue Source(s)**

Fixing Our Street

Total Expenditures	9,773	0	154,354	470,149	0	0	0	624,503
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

### Health & Livability

#### NEW - 102nd & Woodstock LID, SE

<b>Confidence:</b>	Low	<b>Total Project Cost:</b>	1,087,637	<b>Area:</b>	Southeast
		<b>Original Cost:</b>	1,087,637	<b>Objective:</b>	Efficiency

#### Project Description

This project will improve two unpaved streets, and will add a new stormwater management system and sidewalks adjacent to Tri-Met's newest frequent service corridor on SE Foster Road east and near the Lents Town Center MAX station.

#### Revenue Source(s)

Local Improvement District

<b>Total Expenditures</b>	0	0	889,478	30,590	9,450	9,450	0	938,968
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

#### 20th Ave: Raleigh-Upshur LID, NW

<b>Confidence:</b>	Low	<b>Total Project Cost:</b>	9,568,079	<b>Area:</b>	Northwest
		<b>Original Cost:</b>	7,086,368	<b>Objective:</b>	Replacement

#### Project Description

This project will construct a new street connection in from NW Raleigh St. to NW Upshur St. underneath the US-30 ramp, including sidewalks and bike lanes. It will also reconfigure the NW 23rd & Vaughn / US-30 ramp intersection, including a replacement traffic signal and restoring pedestrian connections to the missing east leg of the intersection. This work is in conjunction with the Con-way Master Plan and planned XPO redevelopment.

#### Revenue Source(s)

Local Improvement District and TSDC

<b>Total Expenditures</b>	3,607,684	5,716,203	92,482	10,411	0	0	0	102,893
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

#### 27th & Holland LID, NE

<b>Confidence:</b>	Low	<b>Total Project Cost:</b>	650,172	<b>Area:</b>	Northeast
		<b>Original Cost:</b>	659,172	<b>Objective:</b>	Replacement

#### Project Description

This project will upgrade an existing paved street and pave a portion of an unpaved street, adding curbs and sidewalks to facilitate new industrial development of a waste transfer station in partnership with Oregon DEQ and the private sector, while enabling the creation of living-wage jobs.

#### Revenue Source(s)

Local Improvement District

<b>Total Expenditures</b>	94,086	199,668	267,882	0	0	0	0	267,882
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>NEW - 46th &amp; Bryant LID, NE</b>				<b>Total Project Cost:</b>	11,634,244		<b>Area:</b>	Northeast
<b>Confidence:</b>	Low			<b>Original Cost:</b>	11,634,244		<b>Objective:</b>	Efficiency

**Project Description**

This industrial area project north of NE Columbia Blvd. will improve currently unpaved NE 46th Avenue; rebuild a portion of NE 42nd Avenue in concrete, build sidewalks on all streets including NE Columbia Blvd., build a new stormwater outfall to the Columbia Slough, and will install a new traffic signal at the NE 42nd & Columbia Blvd. intersection. This project will support of the Portland region's ambitious transit expansion plans by enabling the construction of Tri-Met's fourth bus base, the Columbia Bus Base.

**Revenue Source(s)**

Local Improvement District

<b>Total Expenditures</b>	0	0	4,948,437	98,274	6,391,808	0	0	11,438,519
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**47th Avenue Phase I LID, SW**

<b>Total Project Cost:</b>	566,514	<b>Area:</b>	Southwest
<b>Confidence:</b>	Low	<b>Original Cost:</b>	566,514
		<b>Objective:</b>	Efficiency

**Project Description**

This project will improve an unpaved street, adding a new stormwater sewer and sidewalks on both sides of the street to serve adjacent multifamily residential.

**Revenue Source(s)**

Local Improvement District

<b>Total Expenditures</b>	52,899	433,623	419,272	18,563	0	0	0	437,835
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**NEW - 55th-57th Ave & Killingsworth St LID, NE**

<b>Total Project Cost:</b>	1,320,099	<b>Area:</b>	Northeast
<b>Confidence:</b>	Low	<b>Original Cost:</b>	1,320,099
		<b>Objective:</b>	Replacement

**Project Description**

This project will improve two unpaved streets, and will add a new stormwater management system and sidewalks in one of Portland most diverse neighborhoods, Cully, which has a deficiency in paved north-south street connections and sidewalks.

**Revenue Source(s)**

Local Improvement District and TSDC

<b>Total Expenditures</b>	88,819	0	924,768	29,302	9,767	9,767	0	973,604
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**NEW - 80th Ave: Mill-Market LID, SE**

<b>Total Project Cost:</b>	3,284,796	<b>Area:</b>	Southeast
<b>Confidence:</b>	Low	<b>Original Cost:</b>	3,284,796
		<b>Objective:</b>	Efficiency

**Project Description**

This project will improve two unpaved streets, and will add a new stormwater management system and sidewalks at the intersection of two neighborhood greenways and adjacent to Bridger Elementary School. The project is being combined with water main and sanitary sewer replacement work to deliver a comprehensive neighborhood infrastructure solution.

**Revenue Source(s)**

Local Improvement District, TSDC and Bureau of Environmental Services

<b>Total Expenditures</b>	73,290	0	2,019,873	87,710	29,237	29,237	0	2,166,057
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised	Adopted	Capital Plan					
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

OR99W: SW 19th Ave to SW 26th - Barbur Blvd Demo								
				Total Project Cost:	2,014,795		Area:	Southwest
								Maintenance-
	Confidence:	Low		Original Cost:	2,000,000		Objective:	Safety

#### Project Description

This project will implement selected pedestrian and bicycle improvements to enhance access to the Southwest Corridor Light Rail Project. The project is composed of five subareas focused primarily on sidewalk infill. The five subareas are: a) SW Custer Dr, between Barbur and Capitol Hill Rd, b) SW 26 th Ave, between Multnomah and Barbur, c) SW 24th/25th Ave, between Multnomah and Barbur, d) SW 40th Ave between Huber and Wilbard, and e) SW Capitol Hill Rd around the 3900 block.

#### Revenue Source(s)

Federal grant and General Transportation Revenue

Total Expenditures	15,463	505,000	366,250	138,750	1,494,332	0	0	1,999,332
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Bike Parking, CW								
				Total Project Cost:	420,000		Area:	Citywide
	Confidence:	Low		Original Cost:	Ongoing		Objective:	Expansion

#### Project Description

The need for bike parking has been identified in the Portland Bicycle Plan for 2030. This project will provide ongoing additional bicycle parking capacity and associated improvements in the right-of-way.

#### Revenue Source(s)

Bicycle Parking Fund (development fees).

Total Expenditures	0	70,000	70,000	70,000	70,000	70,000	70,000	350,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Burlington & Edison LID, N.								
				Total Project Cost:	2,482,649		Area:	North
	Confidence:	Low		Original Cost:	1,500,611		Objective:	Efficiency

#### Project Description

This project will reconstruct unsafe sidewalks on N. Burlington Avenue and will fully reconstruct N. Edison St. with a new south sidewalk, enabling a full pedestrian connection to N. Richmond Ave., while correcting drainage and erosion problems adversely affecting private properties and the John Community Garden. This project also incorporates SDC-funded work of building a safer N. Burlington & Willamette intersection and building new N. John Avenue connections from N. Decatur St. to south of N. Willamette Blvd. to reduce long gaps in north-south street connections.

#### Revenue Source(s)

TSDC and Local Improvement District

Total Expenditures	73,917	404,828	1,810,362	0	0	0	0	1,810,362
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Cully Neighborhood St Improvements, NE				<b>Total Project Cost:</b>		2,925,000	<b>Area:</b>	Northeast
	<b>Confidence:</b>	Low		<b>Original Cost:</b>		2,925,000	<b>Objective:</b>	Replacement

**Project Description**

If the Neighborhood Streets Program is approved at City Council, Local Transportation Infrastructure Charges (LTIC) will be expended in the Cully Neighborhood Street Plan. Project selection will be based on the allocation methodology identified in the City Council documents: Equity, Effectiveness (connectivity), and project readiness.

**Revenue Source(s)**

Local Transportation Infrastructure Charges and Bureau of Environmental Services

<b>Total Expenditures</b>	0	500,000	500,000	925,000	0	0	0	1,425,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Division/Midway Street Improvements, SE				<b>Total Project Cost:</b>		3,500,000	<b>Area:</b>	Southeast
	<b>Confidence:</b>	Low		<b>Original Cost:</b>		3,500,000	<b>Objective:</b>	Replacement

**Project Description**

If the Neighborhood Streets Program is approved at City Council, Local Transportation Infrastructure Charges (LTIC) will be expended in the Division/Midway Neighborhood Street Plan. Project selection will be based on the allocation methodology identified in the City Council documents: Equity, Effectiveness (connectivity), and project readiness.

**Revenue Source(s)**

Local Transportation Infrastructure Charges and Bureau of Environmental Services

<b>Total Expenditures</b>	0	212,500	212,500	550,000	987,500	0	0	1,750,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

East Portland Access Transit				<b>Total Project Cost:</b>		6,081,583	<b>Area:</b>	East
	<b>Confidence:</b>	Low		<b>Original Cost:</b>		4,472,000	<b>Objective:</b>	Efficiency

**Project Description**

This project combines pedestrian improvements on outer SE Division to assist with accessing transit with bikeway crossing improvements on the 130's Neighborhood Greenway. Project elements include sidewalk infill and crossing improvements on the route of the 130's Neighborhood Greenway. The overall goal of the project is to make accessing transit stops in east Portland safer and easier for both pedestrians and cyclists. Construction began in February 2019.

**Revenue Source(s)**

Federal grant, General Transportation Revenue, and TSDC

<b>Total Expenditures</b>	1,300,492	3,463,466	359,857	0	0	0	0	359,857
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

Errol Heights, SE			<b>Total Project Cost:</b>		5,400,000	<b>Area:</b>		Southeast
	<b>Confidence:</b>	Low	<b>Original Cost:</b>		5,804,543	<b>Objective:</b>		Replacement

### Project Description

The Errol Heights Project will construct alternative standard streets in the Errol Heights neighborhood converting approximately one mile of gravel streets to paved streets, complete with a stormwater conveyance and treatment system.

### Revenue Source(s)

Local Improvement District, Developer Contribution, and Bureau of Environmental Services

<b>Total Expenditures</b>	340,776	3,360,000	1,700,000	0	0	0	0	1,700,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Gravel Street Program			<b>Total Project Cost:</b>		2,929,446	<b>Area:</b>		Citywide
	<b>Confidence:</b>	Low	<b>Original Cost:</b>		Ongoing	<b>Objective:</b>		Replacement

### Project Description

This program provides funding for improving gravel streets to the city's shared street standard. The program is intended to provide matching funds for other sources of funding, including Local Improvement Districts.

### Revenue Source(s)

General Fund

<b>Total Expenditures</b>	0	1,373,344	495,030	495,030	495,030	495,030	495,030	2,475,150
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

LID Street Design			<b>Total Project Cost:</b>		375,000	<b>Area:</b>		Citywide
	<b>Confidence:</b>	Low	<b>Original Cost:</b>		Ongoing	<b>Objective:</b>		Expansion

### Project Description

This is a placeholder for future Local Improvement District (LID) projects to be budgeted in the CIP after City Council approves property owners' request to form an LID to design, construct, and finance transportation and stormwater infrastructure improvements. Varying portions of project funding will be provided by the owners of benefiting properties.

### Revenue Source(s)

Local Improvement District

<b>Total Expenditures</b>	0	185,000	190,000	0	0	0	0	190,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Marine Drive Path: NE 112th Ave-185th Ave Sec.			<b>Total Project Cost:</b>		1,603,665	<b>Area:</b>		Northeast
	<b>Confidence:</b>	Low	<b>Original Cost:</b>		1,077,000	<b>Objective:</b>		Efficiency

### Project Description

The project will upgrade an existing signalized crossing at 112th to a pedestrian hybrid beacon; construct buffered bike lanes from NE 112th to just west of NE 122nd with one signalized street crossing; and construct an off-street trail between proposed signal crossing east to 122nd. In addition, the project will install a new signalized crossing at NE 138th and well head #15, off-street trail improvements at Well Head #15, and a partial off street trail from 148th to NE 185th Ave. Construction will begin in the Spring of 2019. This project is funded through a federal grant, with Parks Bureau matching the grant and Cannabis Tax

### Revenue Source(s)

Federal grant, Parks Bureau, and Cannabis Tax

<b>Total Expenditures</b>	252,675	236,775	187,416	0	0	0	0	187,416
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Federal and State Program Match Fund			Total Project Cost:		4,645,201	Area:		Citywide
Confidence:	Low		Original Cost:		Ongoing	Objective:		Efficiency

**Project Description**

This program provides local matching funds for grants for approximately four to six projects that may be awarded to the City through the state and federal programs for development, design, and construction of capital improvements.

**Revenue Source(s)**

General Transportation Revenue

Total Expenditures	0	341,805	408,696	644,872	685,482	1,283,457	1,283,457	4,305,964
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

PDC Small Projects			Total Project Cost:		400,000	Area:		Citywide
Confidence:	Low		Original Cost:		Ongoing	Objective:		Efficiency

**Project Description**

This is a placeholder for small neighborhood transportation improvement projects, which may be identified and funded by Prosper Portland during the budget year.

**Revenue Source(s)**

Prosper Portland

Total Expenditures	0	200,000	200,000	0	0	0	0	200,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Powell-Division High Capacity Transit			Total Project Cost:		18,945,249	Area:		Southeast
Confidence:	Low		Original Cost:		1,007,894	Objective:		Growth

**Project Description**

This is a 15-mile \$175M high capacity bus project that connects downtown Portland to downtown Gresham via SE Division Corridor. New 60' articulated buses will serve stations approximately 1/3 mile along Division with traffic signal priority. Project goes to construction November 2019 and completes in 2022. This project is funded by State grant with City of Portland's local match share is \$17.7M

**Revenue Source(s)**

State grant and TSDC match

Total Expenditures	1,803,122	1,441,905	15,714,579	700,000	0	0	0	16,414,579
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

Pre-LID Street Design				<b>Total Project Cost:</b>	180,000		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	Ongoing		<b>Objective:</b>	Efficiency

### Project Description

The costs of scoping and estimating LID projects are recovered at final assessment after completion of the project, but pre-LID estimates for projects that do not move forward cannot be recovered from property owners in the absence of constructing transportation and stormwater infrastructure improvements. It is not known beforehand whether an LID will move forward. However, those that do move forward provide considerable leverage to PBOT and advance Citywide objectives. These projects scope and estimate street, sidewalk, and stormwater improvements citywide that require property owners to provide LID funding.

### Revenue Source(s)

General Transportation Revenue

<b>Total Expenditures</b>	0	30,000	30,000	30,000	30,000	30,000	30,000	150,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Public Work Permits				<b>Total Project Cost:</b>	16,265,215		<b>Area:</b>	Citywide
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	Ongoing		<b>Objective:</b>	Growth

### Project Description

The Public Works Permit project provides for the plan review and construction engineering on all new and remodeled residential, commercial, and industrial projects. All engineering and plans work is performed by private sector professional engineers. The project is funded with fees paid by developers and GTR

### Revenue Source(s)

Development Fees and General Transportation Revenue

<b>Total Expenditures</b>	0	2,265,215	2,800,000	2,800,000	2,800,000	2,800,000	2,800,000	14,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Red Electric Trail, SW				<b>Total Project Cost:</b>	4,164,336		<b>Area:</b>	Southwest
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	1,929,183		<b>Objective:</b>	Efficiency

### Project Description

This project is the result of the 2007 Red Electric Trail Planning Study. The purpose of this phase of the project is to design and construct an off-street trail connection for pedestrians and cyclists between SW Bertha Court and SW Capitol Highway. .

### Revenue Source(s)

Federal grant, General Transportation Revenue, TSDC, and match from Parks Bureau

<b>Total Expenditures</b>	272,513	1,547,689	2,357,737	0	0	0	0	2,357,737
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Suttle Road LID, N.				<b>Total Project Cost:</b>	9,525,460		<b>Area:</b>	North
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	9,525,460		<b>Objective:</b>	Replacement

### Project Description

This project will reconstruct this freight street in concrete, while adding new stormwater drainage facilities and sidewalk on the north side of the street, reducing the chronic need for maintenance, which is ineffective without a full reconstruction.

### Revenue Source(s)

Local Improvement District

<b>Total Expenditures</b>	105,302	2,423,274	7,339,494	97,335	32,445	32,445	0	7,501,719
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

**Asset Management**

136th Ave: Foster-Division, SE

Total Project Cost: 6,820,010

Area: Southeast

Confidence: Low

Original Cost: 6,510,000

Objective: Replacement

**Project Description**

This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets Program. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2020. Funded through the Fixing Our Streets Program, this project will combine System Development Charges (SDCs) and General Fund to help fund sidewalk improvements on the West side of 136th. and signal reconstruction.

**Revenue Source(s)**

Fixing Our Street, TSDC, and General Fund

Total Expenditures	80,402	2,514,694	2,802,410	2,632,420	0	0	0	5,434,830
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

42nd Ave: Kilingsworth - Columbia, NE

Total Project Cost: 16,924,084

Area: Northeast

Confidence: Low

Original Cost: 16,924,084

Objective: Replacement

**Project Description**

Portland Bureau of Transportation (PBOT) Bridge #075, NE 42nd Ave over NE Portland Highway & UPRR Tracks, was originally built in 1938, during the Great Depression. The expected service life of a bridge at that time was only 50 years, leaving the bridge serving the travelling public well beyond what was anticipated. The bridge is in need of both Phase I & Phase II seismic retrofits and is classified in the most seismically vulnerable category by PBOT and is not expected to perform well during a design level earthquake. The bridge is located on a Transit Route and in a Freight District and limits 13% of over-height regional moves due to its limited vertical clearance. The bridge is considered Substandard for bicycle use, but the route it carries is classified as a City Bikeway and a vital link to 37% of the city's industrial land and home to 24,000 jobs. This project calls for a complete replacement of the existing bridge to meet modern safety and earthquake standards. The new bridge would be wider for bicyclist safety, carry current freight loads, and result in more vertical clearance for freight loads below on the NE Portland Highway.

**Revenue Source(s)**

General Fund, TSDC, Build Portland and General Transportation Revenue

Total Expenditures	12,585	3,131,218	5,133,024	8,404,648	2,753,827	0	0	16,291,499
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

42nd Ave &amp; Wisteria Dr, NE

Total Project Cost: 740,000

Area: Northeast

Confidence: Low

Original Cost: 740,000

Objective: Maintenance-Safety

**Project Description**

This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets revenues. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2020.

**Revenue Source(s)**

Fixing Our Street

Total Expenditures	56,837	610,000	93,486	0	0	0	0	93,486
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

45th Drive Landslide Abatement, SW			Total Project Cost:	573,571			Area:	Southwest
	Confidence:	Low	Original Cost:	573,571			Objective:	Maintenance & Repair

### Project Description

Heavy rains and saturated soil in February of 2017 caused a shallow landslide at this location. New infrastructure is required to mitigate the resulting slope instability. This project will construct a new retaining wall to mitigate the landslide risk.

### Revenue Source(s)

General Transportation Revenue.

Total Expenditures	63,380	205,922	460,191	0	0	0	0	460,191
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

4th Ave: Lincoln-Burnside, SW			Total Project Cost:	3,423,000			Area:	Southwest
	Confidence:	Low	Original Cost:	3,423,000			Objective:	Growth

### Project Description

This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets Program. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2020.

### Revenue Source(s)

Fixing Our Street

Total Expenditures	80,402	1,711,228	2,850,931	0	0	0	0	2,850,931
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - 52nd/Woodstock & 52nd/Steele, SE			Total Project Cost:	960,000			Area:	Southeast
	Confidence:	Low	Original Cost:	960,000			Objective:	Growth

### Project Description

This project will rebuild the existing traffic signals and upgrade deficient curb ramps at the SE 52nd/Woodstock and SE 52nd/Steele intersections

### Revenue Source(s)

General Fund

Total Expenditures	19,953	0	740,047	0	0	0	0	740,047
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Alberta St: 15th-30th, NE				Total Project Cost:		1,720,000		
							Area:	Northeast
	Confidence:	Low		Original Cost:	1,720,000		Objective:	Maintenance-Preservation

**Project Description**

This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets Program. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2020.

**Revenue Source(s)**

Fixing Our Street

Total Expenditures	0	391,980	845,790	0	0	0	0	845,790
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capitol Hwy: Multnomah-Texas, SW				Total Project Cost:		1,935,820		
							Area:	Southwest
	Confidence:	Low		Original Cost:	1,700,000		Objective:	Maintenance-Preservation

**Project Description**

This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets Program. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2020.

**Revenue Source(s)**

Fixing Our Street and Developer Contribution

Total Expenditures	297,834	1,463,000	202,166	0	0	0	0	202,166
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

College St Landslide Abatement, SW				Total Project Cost:		449,162		
							Area:	Southwest
	Confidence:	Low		Original Cost:	447,100		Objective:	Maintenance & Repair

**Project Description**

Heavy rains and saturated soil in February of 2017 caused a partial retaining wall collapse at this limited access location. The existing hand stacked rockery wall appears to be at the end of its useful service life and is in need of replacement. This project will construct a new retaining wall to support the street and mitigate continued failure of the existing wall.

**Revenue Source(s)**

General Transportation Revenue

Total Expenditures	55,367	355,496	363,795	0	0	0	0	363,795
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Bridges/Overpasses				Total Project Cost:		2,923,620	Area:	Citywide
	Confidence:	Low		Original Cost:		Ongoing	Objective:	Maintenance-Safety

### Project Description

This project is a continuing program to replace or rehabilitate some of the City's poor condition and weight restricted bridges, which currently prohibits the movement of freight and transit within the City. Past projects included N Lombard Road over Columbia Slough (BR-105), completed in 2012; NE 21st Avenue over Columbia Slough (BR-08), completed in 2012; NW Thurman Bridge over Balch Creek (BR-15), completed in 2014; and N Willamette Boulevard Viaduct (BR-007) completed in 2016. This project includes a GF Capital Set ASide request for the Cornell Tunnel Lining Replacement

### Revenue Source(s)

General Transportation Revenue and General Fund

Total Expenditures	0	0	2,424,724	124,724	124,724	124,724	124,724	2,923,620
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Denver Ave: Lombard-Watts, N				Total Project Cost:		938,000	Area:	North
	Confidence:	Low		Original Cost:		938,000	Objective:	Maintenance-Preservation

### Project Description

This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets Program. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2020.

### Revenue Source(s)

Fixing Our Street

Total Expenditures	247,702	545,000	338,500	0	0	0	0	338,500
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - Burnside Bridge Replacement				Total Project Cost:		763,793	Area:	Southeast
	Confidence:	Low		Original Cost:		763,793	Objective:	Efficiency

### Project Description

Multnomah County is conducting an environmental analysis to develop a resilient Burnside Bridge over the Willamette River that would function as a lifeline connection after a major seismic event. Fixed and moveable structures are being evaluated along with consideration of a retrofit of the existing bridge. The \$800M project would complete environmental work in 2022, with final design in 2024. Construction would be complete in the 2026-2028 timeframe.

### Revenue Source(s)

Multnomah County

Total Expenditures	0	0	263,793	500,000	0	0	0	763,793
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Guardrail Replacement				Total Project Cost:		688,000		
	Confidence:	Low		Original Cost:		688,000	Area:	Citywide
							Objective:	Efficiency

**Project Description**

This project will install guardrail and upgrade or replace at least 15 deficient guardrail sites on truck crash corridors.

**Revenue Source(s)**

General Fund and Fixing Our Street

Total Expenditures	27,826	566,174	618,600	0	0	0	0	618,600
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

**Naito Pkwy: Harrison-Jefferson, SW**

	Total Project Cost:		7,745,444				Area:	Southwest
	Confidence:	Low		Original Cost:		3,315,154	Objective:	Replacement

**Project Description**

This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets Program. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Naito Parkway will be combined with SW 1st/Main and requires roadway reconstruction due to the poor quality of roadway. This project will also install a pedestrian signal midblock between Market and Clay. Construction is planned for Summer 2020.

**Revenue Source(s)**

Fixing Our Street, General Transportation Revenue, TSDC, State grant, and General Fund

Total Expenditures	695,471	5,990,000	6,119,844	0	0	0	0	6,119,844
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

**Regional Signal System CONOPS & Implementation**

	Total Project Cost:		1,100,053				Area:	Citywide
	Confidence:	Low		Original Cost:		1,200,000	Objective:	Replacement

**Project Description**

The proposed project will construct and implement Infrastructure Technology Services (ITS) infrastructure along N/NE Columbia Boulevard. The project will install equipment and integrate these devices with the City's, ODOT's, and Tri-Met's Transportation Operations Centers. This project is part of the larger City and Regional Advanced Traffic Management System (ATMS), and provides the minimum project elements that will yield significant benefits in the corridor. The proposed project will improve the City's ability to monitor and control traffic. An exploration of emerging data from the private sector will be considered to determine whether there are new techniques that can be used to deliver priority at traffic signals. It will also improve control and monitoring of heavy freight.

**Revenue Source(s)**

Federal Grant and General Transportation Revenue

Total Expenditures	53	1,000,000	891,000	0	0	0	0	891,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>NEW - Signal Recon - Build Portland, CW</b>				<b>Total Project Cost:</b>		\$6,633,794		<b>Area:</b> Citywide
<b>Confidence:</b>		Low		<b>Original Cost:</b>		Ongoing		<b>Objective:</b> Efficiency

### Project Description

The project is a continuing program to replace aging traffic signal infrastructure that subjects the City to liability or unsafe operations. The annual gap in capital repair, rehabilitation, replacement of aging traffic signal assets is \$18.4 million. This is a General Fund Set-A-Side request for the following projects: Traffic Signal Upgrade Supporting Economic Development, Traffic Signal System Local Controller Replacement, Citywide Lamp Replacement and Traffic Signal Reconstruction.

### Revenue Source(s)

General Fund Set-A-Side Request

<b>Total Expenditures</b>	0	2,058,971	1,493,747	0	0	0	0	1,493,747
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

### Signal Reconstruction, CW

		<b>Total Project Cost:</b>	5,140,047	<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate	<b>Original Cost:</b>	Ongoing	<b>Objective:</b>	Replacement

### Project Description

The project is a continuing program to replace aging traffic signal infrastructure that subjects the City to liability or unsafe operations. The annual gap in capital repair, rehabilitation, replacement of aging traffic signal assets is \$18.4 million.

### Revenue Source(s)

General Fund, Build Portland, and General Fund.

<b>Total Expenditures</b>	0	11,421,276	1,370,047	2,690,000	150,000	150,000	150,000	4,510,047
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

### Lighting Efficiency Program, CW

		<b>Total Project Cost:</b>	19,300,000	<b>Area:</b>	Citywide
<b>Confidence:</b>	Moderate	<b>Original Cost:</b>	17,500,000	<b>Objective:</b>	Replacement

### Project Description

This project consists of two phases for retrofit outdoor lighting in the City with energy efficient Light Emitting Diode (LED) technology. Funding for the first phase project was approved by City Council in December 2012; implementation began in August 2014 and completed in August 2017. Funding for the second phase was approved by City Council in October 2016. The second phase includes the conversion of the City's ornamental street lights. The retrofit of the street lighting will reduce the energy consumption by more than 50%, resulting in a net cost savings to the City over the life of the project.

### Revenue Source(s)

General Obligation Bond back by General Fund

<b>Total Expenditures</b>	18,611,647	5,000,000	550,000	0	0	0	0	550,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Sunderland Rd Bridge Replacement, N				<b>Total Project Cost:</b>		890,000		<b>Area:</b> North
<b>Confidence:</b>		Low		<b>Original Cost:</b>		890,000		<b>Objective:</b> Replacement

**Project Description**

PBOT bridge BR-094, which carries NE Sunderland Road over a drainage ditch near NE 33rd Avenue, exhibits serious scour issues. Additionally, the bridge is relatively narrow and does not currently include sidewalks on either side. This project will remove the entire bridge and foundations and provide a new bridge supported on piles to eliminate the scour issue. Sidewalks are proposed for both sides of the bridge to increase user safety. The bridge is scheduled to be replaced by the end of 2020.

**Revenue Source(s)**

General Fund

<b>Total Expenditures</b>	14,188	312,612	301,484	474,328	0	0	0	775,812
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Taylor's Ferry Rd. Rockslide Abatement, SW				<b>Total Project Cost:</b>		600,000		<b>Area:</b> Southwest
<b>Confidence:</b>		Low		<b>Original Cost:</b>		600,000		<b>Objective:</b> Maintenance-Safety

**Project Description**

In 2002, large boulders were spilling out of a rock slope outcrop west of the Fulton Park Blvd intersection along Taylor's Ferry Rd, presenting a potential safety hazard to drivers. Concrete barriers were placed in the roadway to contain the spill, and this effectively reduced this two lane section of west bound Taylor's Ferry Rd to a one lane section. These barriers are still in place today as boulders have continued to fall. The solution is an engineered rock containment system at the project site with a goal to re-open the closed inside lane to traffic, if possible.

**Revenue Source(s)**

General Fund

<b>Total Expenditures</b>	42,878	557,123	507,122	0	0	0	0	507,122
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Thurman Bridge Painting, NW				<b>Total Project Cost:</b>		4,030,950		<b>Area:</b> Northwest
<b>Confidence:</b>		Low		<b>Original Cost:</b>		4,030,950		<b>Objective:</b> Maintenance & Repair

**Project Description**

The Balch Gulch Bridge (Thurman Bridge) stands at over 100 years old as the only one of its kind remaining in the region. This pin-connected steel deck truss has not been painted since the 1940s and is due for a new paint job. The new coating of paint will provide the corrosion protection necessary to extend the service life of the historic treasure for decades to come. This project will replace or rehabilitate the paint system, the steel truss bridge elements, and rehabilitate deteriorated structural members as required. The project is only funded through design at this point.

**Revenue Source(s)**

Federal Grant and General Transportation Revenue

<b>Total Expenditures</b>	0	500,000	505,950	3,500,000	0	0	0	4,005,950
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Thurman St Landslide Abatement, NW				<b>Total Project Cost:</b>	2,035,297		<b>Area:</b>	Northwest
<b>Confidence:</b>	Low			<b>Original Cost:</b>	2,035,297		<b>Objective:</b>	Replacement

### Project Description

Heavy rains and saturated soil in February of 2017 caused a deep-seated landslide at this location. A moderate repair is required to mitigate the resulting slope instability. This project will construct a new retaining wall to reduce the landslide risk to the right of way.

### Revenue Source(s)

Federal Grant and General Transportation Revenue

<b>Total Expenditures</b>	31,938	471,500	209,499	1,643,860	0	0	0	1,853,359
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Upper Hall St Landslide Abatement, SW				<b>Total Project Cost:</b>	449,162		<b>Area:</b>	Southwest
<b>Confidence:</b>	Low			<b>Original Cost:</b>	426,700		<b>Objective:</b>	Maintenance & Repair

### Project Description

Heavy rains and saturated soil in February of 2017 caused a shallow landslide at this location. New infrastructure is required to mitigate the resulting slope instability. This project will construct a new retaining wall to mitigate the landslide risk.

### Revenue Source(s)

General Transportation Revenue

<b>Total Expenditures</b>	71,296	337,395	363,795	0	0	0	0	363,795
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Williams Ave: Stanton-Cook, N				<b>Total Project Cost:</b>	620,000		<b>Area:</b>	North
<b>Confidence:</b>	Low			<b>Original Cost:</b>	620,000		<b>Objective:</b>	Maintenance-Preservation

### Project Description

This project is a roadway surfacing rehabilitation. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2020.

### Revenue Source(s)

Fixing Our Street

<b>Total Expenditures</b>	186,235	480,000	162,000	0	0	0	0	162,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

**Economic Vitality****10th and Yamhill Parking Garage**

		<b>Total Project Cost:</b>	24,929,500		<b>Area:</b>	Southwest
<b>Confidence:</b>	Low	<b>Original Cost:</b>	22,424,872		<b>Objective:</b>	Replacement

**Project Description**

As part of the City's SmartPark Garage System, the 10th & Yamhill Garage lends vital support to the downtown retail core. The building has seven stories with 27,000 square feet of leasable retail space at or near the ground level and 799 parking spaces on floors two through seven. Since 2004, a series of reports have been developed outlining the condition of the building and needed improvements. In 2016, PBOT hired FFA Architecture and Interiors, Inc. to complete the design for improvements to address deferred building maintenance and improve the retail space as identified in the 2014 study.

**Revenue Source(s)**

Prosper Portland and Parking Garage Revenue

<b>Total Expenditures</b>	4,614,001	17,498,360	1,500,000	0	0	0	0	1,500,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**47th Ave: Columbia-Cornfoot, NE**

		<b>Total Project Cost:</b>	7,706,958		<b>Area:</b>	Northeast
<b>Confidence:</b>	Low	<b>Original Cost:</b>	4,597,044		<b>Objective:</b>	Efficiency

**Project Description**

This project will fully reconstruct the freight street in concrete from north of Columbia Blvd. to south of Cornfoot Rd. A century-old cast iron water main will be replaced and a new sanitary sewer will be extended while adding pedestrian and bicycle facilities on both sides in conjunction with Parks' Whitaker Ponds project.

**Revenue Source(s)**

Local Improvement District, Bureau of Environmental Services, Water Bureau, and TSDC

<b>Total Expenditures</b>	848,872	4,178,867	3,903,290	63,301	0	0	0	3,966,591
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Bond Ave: Gibbs - Porter, SW**

		<b>Total Project Cost:</b>	4,350,000		<b>Area:</b>	Southwest
<b>Confidence:</b>	Low	<b>Original Cost:</b>	4,350,000		<b>Objective:</b>	Efficiency

**Project Description**

This project will design and construct a new north-south roadway in South Waterfront from S Porter St (Tilikum Crossing west approach) to S Whitaker St. The project continues the build out of district-critical street infrastructure while improving access and circulation for Zidell and OHSU properties.

**Revenue Source(s)**

TSDC and Prosper Portland

<b>Total Expenditures</b>	0	2,362,631	249,320	4,100,680	0	0	0	4,350,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Bond: Gibbs-River Pkwy, SW</b>				<b>Total Project Cost:</b>	10,930,190		<b>Area:</b>	Southwest
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	9,700,000		<b>Objective:</b>	Efficiency

### Project Description

This project is designing and constructing a new north-south roadway in South Waterfront from S River Pkwy (under Marquam Bridge) to S Porter St (Tilikum Crossing west approach). The project continues the build out of district-critical street infrastructure while improving access and circulation for the OHSU Schnitzer Campus. Construction began in May 2017.

### Revenue Source(s)

TSDC, Prosper Portland, and State grant

<b>Total Expenditures</b>	5,738,585	3,648,813	1,770,706	0	0	0	0	1,770,706
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Columbia Blvd ITS, N/NE</b>				<b>Total Project Cost:</b>	1,210,000		<b>Area:</b>	Northeast/ Southeast
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	390,059		<b>Objective:</b>	Maintenance- Safety

### Project Description

The proposed project will construct and implement Infrastructure Technology Services (ITS) infrastructure along N/NE Columbia Boulevard. The project will install equipment and integrate these devices with the City's, ODOT's, and Tri-Met's Transportation Operations Centers. This project is part of the larger City and Regional Advanced Traffic Management System (ATMS), and provides the minimum project elements that will yield significant benefits in the corridor. The proposed project will improve the City's ability to monitor and control traffic. An exploration of emerging data from the private sector will be considered to determine whether there are new techniques that can be used to deliver priority at traffic signals. It will also improve control and monitoring of heavy freight.

### Revenue Source(s)

Federal grant and General Transportation Revenue

<b>Total Expenditures</b>	2,657	557,227	880,000	0	0	0	0	880,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Columbia Blvd/MLK Blvd, N</b>				<b>Total Project Cost:</b>	3,785,056		<b>Area:</b>	Northeast
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	2,486,234		<b>Objective:</b>	Growth

### Project Description

This project was identified in the 2006 Freight Master Plan as a Tier One project. It includes construction of a right turn lane from NE Columbia Blvd to NE Martin Luther King Jr. Blvd and installation of a new traffic signal. The project is in construction.

### Revenue Source(s)

Federal grant and TSDC

<b>Total Expenditures</b>	2,048,857	222,954	250,560	0	0	0	0	250,560
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Columbia Blvd: Cully Blvd &amp; Alderwood Rd, NE</b>				<b>Total Project Cost:</b>	5,661,986		<b>Area:</b>	Northeast
<b>Confidence:</b>	Low			<b>Original Cost:</b>	5,527,760		<b>Objective:</b>	Efficiency

**Project Description**

This project will construct a traffic signal at the intersection of NE Alderwood Rd and NE Columbia Blvd. The project will also include evaluation and preliminary design of a paired traffic signal at NE Cully Blvd. The project is a joint project with the Port of Portland. Construction is planned for 2019.

**Revenue Source(s)**

Federal grant and Port of Portland

<b>Total Expenditures</b>	114,611	4,127,932	5,197,376	0	0	0	0	5,197,376
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**I-5 Rose Quarter Improvements Project**

<b>Total Project Cost:</b>	1,279,505	<b>Area:</b>	Northeast
<b>Confidence:</b>	Low	<b>Original Cost:</b>	1,279,505
		<b>Objective:</b>	Efficiency

**Project Description**

This \$450M ODOT-led project will add shoulders and auxiliary travel lanes to I-5 in the one mile stretch of corridor between I-84 and the Fremont Bridge. Construction will require removal of the Broadway, Weidler, Flint, Hancock and Dixon bridges. A new local road network with improved access to/from I-5 and bicycle/pedestrian connections will be constructed, including covers over I-5. Construction anticipated to start in 2023 and complete in 2027.

**Revenue Source(s)**

State Grant

<b>Total Expenditures</b>	83,160	339,284	446,345	600,000	0	0	0	1,046,345
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Lombard Streetscape: Drummond-Albina, N**

<b>Total Project Cost:</b>	1,000,000	<b>Area:</b>	North
<b>Confidence:</b>	Low	<b>Original Cost:</b>	1,996,386
		<b>Objective:</b>	Maintenance-Safety

**Project Description**

This project will provide pedestrian-scale street lighting, landscaping, stormwater improvements, safety bollards, public art, and limited sidewalk repair along N Lombard Street at key node locations, including at the intersections with N Greeley Avenue and N Albina Avenue. The scope is scalable. N Lombard Street is an ODOT facility, but sidewalk area improvements are managed by PBOT. The project will be design and constructed in FY 2020.

**Revenue Source(s)**

Prosper Portland

<b>Total Expenditures</b>	0	178,007	179,873	731,182	0	0	0	911,055
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Lowell St: Macadam-Moody, S**

<b>Total Project Cost:</b>	5,945,887	<b>Area:</b>	Southwest
<b>Confidence:</b>	Low	<b>Original Cost:</b>	5,945,887
		<b>Objective:</b>	Efficiency

**Project Description**

This project will acquire right-of-way and construct a new street between Macadam and Moody Avenue to improve circulation and access in the South Portal area of South Waterfront.

**Revenue Source(s)**

TSDC and Prosper Portland

<b>Total Expenditures</b>	0	3,829,188	570,655	5,375,232	0	0	0	5,945,887
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Macadam/Bancroft LID, S	Total Project Cost:			2,205,301		Area:		Southwest
Confidence:	Low		Original Cost:		2,205,301		Objective: Efficiency	
Project Description								
This project will rebuild the Macadam/Bancroft traffic signal, adjust signal phasing and make necessary supportive civil and striping improvements to reduce congestion in the South Portal area of South Waterfront.								
Revenue Source(s)								
TSDC and Prosper Portland								
Total Expenditures	0	2,362,419	385,869	1,819,432	0	0	0	2,205,301
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Going to the Island Freight Improvements, N	Total Project Cost:			557,250		Area:		North
Confidence:	Low		Original Cost:		557,250		Objective: Efficiency	
Project Description								
The proposed project will construct and install Infrastructure Technology Services (ITS) infrastructure (communication network, new traffic controllers, CCTV cameras, travel time monitoring devices, and vehicle/pedestrian detectors). The project will provide for support of advanced control strategies such as transit signal priority and freight.								
Revenue Source(s)								
Federal grant and General Transportation Revenue								
Total Expenditures	193	445,800	309,750	0	0	0	0	309,750
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Parking Machines	Total Project Cost:			750,000		Area:		Citywide
Confidence:	Low		Original Cost:		Ongoing		Objective: Replacement	
Project Description								
This project will fund purchase and install paystations in existing meter districts. The project will be funded with parking meter revenues.								
Revenue Source(s)								
Parking Meter Revenue								
Total Expenditures	0	405,150	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>South Rivergate Freight Project, N</b>				<b>Total Project Cost:</b>		25,723,093	<b>Area:</b>	North
<b>Confidence:</b>		Low	<b>Original Cost:</b>		11,916,743	<b>Objective:</b>		Efficiency

**Project Description**

This project will improve the intersection on N Lombard and N Rivergate Blvd to facilitate freight movement to the Rivergate Industrial District and grade separate N. Rivergate Blvd from the Union Pacific Rail line. Design will begin in 2017, with construction planned for 2019.

**Revenue Source(s)**

Federal grant and TSDC

<b>Total Expenditures</b>	1,146,392	4,969,132	8,490,797	14,040,904	0	0	0	22,531,701
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**NEW - Streetcar Security Cameras**

		<b>Total Project Cost:</b>	1,833,329	<b>Area:</b>	Citywide
<b>Confidence:</b>	Low	<b>Original Cost:</b>	1,833,329	<b>Objective:</b>	Efficiency

**Project Description**

The purpose of this project is to retrofit CCTV security cameras on the existing fleet of 17 vehicles and construct the IT infrastructure for downloading and storing the video data as needed. In FY 18/19, the focus will be on procurement of equipment, an installer, and vehicle engineering oversight, followed by installation and testing in FY 19/20.

**Revenue Source(s)**

Energy Credit and General Transportation Revenue

<b>Total Expenditures</b>	0	206,315	1,163,735	0	0	0	0	1,163,735
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**NEW - Streetcar Vehicle Acquisition**

		<b>Total Project Cost:</b>	15,283,453	<b>Area:</b>	Citywide
<b>Confidence:</b>	Low	<b>Original Cost:</b>	15,283,453	<b>Objective:</b>	Efficiency

**Project Description**

The purpose of this project is to expand the Streetcar service fleet by three vehicles purchased from Brookville Equipment Corporation in Pennsylvania. The current schedule calls for design and manufacture of the vehicles in FY 18-19 and 19-20 with delivery and conditional and final acceptance in 20-21.

**Revenue Source(s)**

TSDC, General Transportation Revenue, and Parking Fees.

<b>Total Expenditures</b>	0	1,203,174	10,263,111	3,600,000	0	0	0	13,863,111
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**SW Corridor Transit Project**

		<b>Total Project Cost:</b>	3,956,789	<b>Area:</b>	Southwest
<b>Confidence:</b>	Low	<b>Original Cost:</b>	700,000	<b>Objective:</b>	Expansion

**Project Description**

This is a 12-mile long \$2.5B light rail project that connects downtown Portland to Tigard and Tualatin via Barbur Blvd. The locally preferred alternative was adopted by City Council and the region in November 2018. Completion of the FEIS will be in early 2020 along with a Conceptual Design Report. If the local match is committed in the November 2020 local funding measure, the project will achieve 60% design in mid-2021 with a construction start in late 2022.

**Revenue Source(s)**

Tri-Met and General Fund

<b>Total Expenditures</b>	1,393,803	895,402	776,322	900,000	0	0	0	1,676,322
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### Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

# Portland Water Bureau

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Customer Service								
Security and Emergency Mgt				Total Project Cost:	Ongoing		Area:	Undetermined
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Maintenance & Repair
Project Description								
Projects funded by this budget will include physical security improvements to major and smaller facilities as well as improved security in the overall water distribution system and control and communications system. In FY 2019-20, the funding requested is for any needed replacement of surveillance equipment.								
Revenue Source(s)								
The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	100,000	100,000	100,000	100,000	100,000	100,000	500,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Distribution								
Council Crest Tank Roof				Total Project Cost:	2,100,000		Area:	Southwest
	Confidence:	Optimal		Original Cost:	700,000		Objective:	Replacement
Project Description								
Council Crest Tank is the highest-elevation tank in southwest Portland and serves approximately 1,300 customers with no backup gravity supply. Due to corrosion of the exposed structure, there is a risk of roof collapse from the effects of an earthquake or an ice or wind storm. Roof failure could result in a long-term boil water notice, frequent outages, and reactive repair costs. This project will replace the Council Crest Tank roof and upper wall shell. In FY 2019-20, this project will complete construction.								
Revenue Source(s)								
The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	477,780	1,600,000	10,000	0	0	0	0	10,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0
Hydrants								
				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Replacement
Project Description								
There are approximately 14,500 fire hydrants connected to the Portland water system. These hydrants allow Portland the flexibility and preparedness to meet the challenge of a fire emergency through coordination with the Portland Fire & Rescue Bureau. This subprogram replaces fire hydrants that are nonstandard or no longer repairable to increase efficiency.								
Revenue Source(s)								
The project funding is from a combination of net proceeds from water sales revenue and construction fund revenues such as system development charges, interagency reimbursements and interest earnings.								
Total Expenditures	0	1,450,000	1,800,750	1,800,000	1,800,000	1,800,000	1,800,000	9,000,750
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Distribution Mains				Total Project Cost:		Ongoing	Area:	Citywide
	Confidence:	Optimal		Original Cost:		Ongoing	Objective:	Replacement

#### Project Description

The bureau is committed to improving maintenance of the water system infrastructure, including repairs, replacements and upgrades. This program supports rehabilitation and replacement of substandard mains; expansion due to private lands development; increased water supply for fire protection; improved water quality; and water system upgrades due to local improvement districts and street improvements. The Portland Water Bureau uses a risk-based, reliability-centered approach to identify, catalog, and prioritize projects to ensure minimal disruption to customers. Distribution main replacements also include appurtenances such as fire hydrants, valves, pressure regulators, service branches, and other facilities. Small projects, under \$200,000, are normally completed by bureau personnel. Projects with construction estimates of more than \$200,000 are typically put out for bid. Many projects in this program provide for the relocation and adjustment of water facilities to accommodate storm drainage and sewer pipelines constructed by the Bureau of Environmental Services (BES), roadway configuration changes, pavement overlays, and bridge improvements for the Portland Bureau of Transportation and the Oregon Department of Transportation. Other bureaus reimburse a portion of the costs based on the age of the existing water facility. In FY 2019-20, the bureau expects to work on about 50 minor distribution mains projects. Recently, there has been an increase in the number of petition mains supporting new development. Also, the bureau expects to complete construction of larger mains at SW Fulton Park Blvd (650 feet replacement) and NE 143rd Ave (730 feet).

#### Revenue Source(s)

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, other construction fund revenues such as system development charges and interest earnings, and interagency revenues.

Total Expenditures	0	9,811,000	14,428,600	13,235,675	15,990,260	21,672,350	23,411,850	88,738,735
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Meters				Total Project Cost:		Ongoing	Area:	Citywide
	Confidence:	Optimal		Original Cost:		Ongoing	Objective:	Replacement

#### Project Description

The bureau has thousands of meters that monitor the quantity of water flowing through the system. The bureau purchases about 8,500 meters annually. These meters are tools to effectively and efficiently manage the allocation of costs of service to public agencies, commercial enterprises, and other non-residential customers. The bureau is also installing automated meter-reading devices and non-skid access lids where applicable. The bureau objective is to maintain metering devices to read within 3% of actual values.

#### Revenue Source(s)

The project funding is from a combination of net proceeds from water sales revenue, BES contribution, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	1,030,000	1,066,050	1,066,050	1,066,050	1,066,050	1,066,050	5,330,250
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Services				Total Project Cost:		Ongoing	Area:	Citywide
	Confidence:	Optimal		Original Cost:		Ongoing	Objective:	Maintenance & Repair

#### Project Description

A service is the connection between the water main and any given customer's service meter. Service connections are always performed by bureau crews. This program funds installation and upgrade of about 1,000 water service connections annually. The funds facilitate construction of replacement water services requested by customers for new development as well as redevelopment. A fee is collected for new service requests to partially reimburse the bureau's costs.

#### Revenue Source(s)

The project funding is from a combination of net proceeds from water sales revenue and construction fund revenues such as system development charges, interagency revenue, and interest earnings.

Total Expenditures	0	6,200,000	6,400,000	6,400,000	6,400,000	6,400,000	6,400,000	32,000,000
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Field Support			Total Project Cost:		Ongoing	Area:		Citywide
	Confidence:	Optimal	Original Cost:		Ongoing	Objective:		Efficiency

**Project Description**

This program funds the supplies, equipment, and facilities that the bureau field crews use to maintain and operate the water system. The bureau's fleet of construction equipment and vehicles are managed through this program.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	4,130,000	4,274,550	4,274,550	4,274,550	4,274,550	4,274,550	21,372,750
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Fountains			Total Project Cost:		Ongoing	Area:		Central City
	Confidence:	Optimal	Original Cost:		Ongoing	Objective:		Maintenance & Repair

**Project Description**

Portland's decorative fountains are among PWB's oldest signature assets. The bureau has been entrusted with the City's decorative fountain infrastructure, including repairs, replacements and upgrades. This budget includes provision for repair of drain lines and valves, replacement of liners, repair and replacement of electrical equipment and lighting systems, repair and replacement of pumps, addition of telemetry, and various improvements to exterior surfaces.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	0	100,000	100,000	100,000	100,000	100,000	500,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Fulton Pump Mains Replacement			Total Project Cost:		5,079,000	Area:		Southwest
	Confidence:	Low	Original Cost:		5,079,000	Objective:		Maintenance & Repair

**Project Description**

This project will install approximately 2,890 feet of new 20-inch pump main and 450 feet of new 24-inch pump main. The 24-inch pump main includes 300 feet bored under the I-5 Freeway and approximately 150 feet bored under SW Barbur Blvd. The project will also include abandoning approximately 3180 feet of 10-inch pump main and 3,180 feet of 12-inch pump main between the I-5 right-of-way and the Burlingame Tank Site. Several sections of the Fulton Pump Main System were determined by CLEM analysis to be at high risk to the bureau. The crossing of the I-5 Freeway is an uncased 16-inch steel pipe, which would cause severe damage to I-5 and surrounding neighborhoods if it breaks. There have been 15 leaks and breaks since 1965 on the section of mains that will be replaced. In FY 2019-20, the project will continue design.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	68,346	570,000	560,000	259,000	3,540,000	105,000	0	4,464,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>NEW - Greenleaf Tank 3</b>				<b>Total Project Cost:</b>	3,095,000		<b>Area:</b>	Northwest
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	3,095,000		<b>Objective:</b>	Replacement

**Project Description**

This project will construct a new 175,000-gallon steel water storage tank that meets current seismic standards and install associated 12-inch pipe connections to remove Greenleaf Tank 1 from the system. Greenleaf Tank 1 was documented to be in poor condition in the 2012 Tank Asset Management Plan (AMP), and in recent condition assessments. The condition assessment scores for the Greenleaf Tanks are among the worst ratings of all active tanks in the PWB system. The interior of the tank and the tank foundation are in very poor condition. In FY 2019-20, the project will begin design.

**Revenue Source(s)**

The funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	0	0	30,000	60,000	320,000	345,000	555,000	1,310,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - IA - N Rivergate Blvd Bridge Transport</b>				<b>Total Project Cost:</b>	650,000		<b>Area:</b>	North
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	650,000		<b>Objective:</b>	Replacement

**Project Description**

This project is in coordination with PBOT which is relocating the local access of two properties. This project will abandon about 1,300 feet of 12 - inch Ductile Iron (DI) pipe and three fire hydrant assemblies. Also, install 2,150 feet of 12 - inch DI pipe, and 90 feet of 24 - inch steel casing under the existing railroad tracks, to loop the existing dead-end water mains and supply the following existing water services: one 10 - inch fire line service, two 6 - inch fire line services, one 3 - inch domestic water services, one 2 - inch domestic water service, one 1 - inch domestic water service, one 1 - inch irrigation water service, and 4 fire hydrant assemblies. A bridge approach and structure will be built over top of the existing N Rivergate Blvd, and bridge supports will impact the existing 12 - inch ductile iron water main. The proposed structure will also prevent PWB maintenance crews from accessing the existing water main and water service lines. In FY 2019-20, the project will begin construction in coordination with PBOT.

**Revenue Source(s)**

The funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	6,295	0	490,000	0	0	0	0	490,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - IA - SW Capitol Hwy fr Garden Home Rd S</b>				<b>Total Project Cost:</b>	2,300,000		<b>Area:</b>	Southwest
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	2,300,000		<b>Objective:</b>	Replacement

**Project Description**

This project supports PBOT street improvements. The project will abandon 2,500 feet of 6-inch cast iron (CI), 30 feet of 6-inch ductile iron (DI), and 720 feet of 4-inch CI water main, and remove five fire hydrants. Also install 2,908 feet of 8-inch DI and 827 feet of 6-inch DI water main, six fire hydrants, and renew 41 1-inch water service lines. Relocate four fire hydrants. Project will also adjust/relocate 34 existing services and modify one existing regulator's access. In FY 2019-20, the project will complete design in coordination with PBOT.

**Revenue Source(s)**

The funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	41,187	0	1,772,500	0	0	0	0	1,772,500
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>N Jantzen Ave west of Pavilion</b>				<b>Total Project Cost:</b>	1,400,000		<b>Area:</b>	North
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	1,290,000		<b>Objective:</b>	Replacement

**Project Description**

This replacement main is recommended for following reasons: (1) as many as six nonstandard services lack complete documentation and documented backflow devices, (2) the nonstandard services have leak histories and other possible undocumented private connections, (3) the asbestos-concrete main (while not affecting water quality) requires specialized training and personal protection for repairs. This project will correct services without backflow devices and replace approximately 2,200 ft. of substandard asbestos-concrete and plastic water lines. The project will also install six fire hydrants. In FY 2019-20, this project will start construction which was delayed by easement negotiations.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	210,294	80,000	1,081,000	0	0	0	0	1,081,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NE 47th Ave and Columbia Blvd LID</b>				<b>Total Project Cost:</b>	1,400,000		<b>Area:</b>	Northeast
<b>Confidence:</b>	Low			<b>Original Cost:</b>	1,400,000		<b>Objective:</b>	Maintenance & Repair

**Project Description**

PBOT will be completely rebuilding the right-of-way and installing Stormwater planters overtop of the existing 12-inch cast iron water main. Although the 12-inch pipe is a straight run of pipe, the impacted sections have connections for 12 water service lines. This project will relocate 2,035 feet of 12-inch water main, relocate three fire hydrants, install four new fire hydrants, lower and sleeve 12 1-inch water service lines under proposed stormwater planters, renew nine 1-inch and one 2-inch water service lines. Approximately 110 feet of the relocated pipe will need to be installed in a casing underneath the Columbia Slough. In FY 2019-20, this project will complete design in coordination with PBOT.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	77,409	89,000	580,000	0	0	0	0	580,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NE 49th and Roselawn</b>				<b>Total Project Cost:</b>	916,000		<b>Area:</b>	Northeast
<b>Confidence:</b>	Moderate			<b>Original Cost:</b>	916,000		<b>Objective:</b>	Maintenance & Repair

**Project Description**

This project will install 2,970 ft of 6-inch ductile iron (DI) main, install 125 ft of 4-inch DI main, renew 82 services, and install 4 hydrants. This group of distribution mains has collectively had eight vertical breaks, six since 2010 on the 4-inch cast iron mains. The 2-inch galvanized mains have had five leaks due to corrosion and pitting and have been noted as in poor condition by field crews. These mains have reached the end of their useful life per Asset Management modelling. In FY 2019-20, the project will begin construction.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	44,356	101,000	130,000	646,000	0	0	0	776,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
NEW - NE Morris St from 123rd Ave to 127th Ave				Total Project Cost:		450,000		Area: Northeast
Confidence:	Low			Original Cost:		450,000		Objective: Replacement

#### Project Description

This project will install approximately 1,030 feet of 6-inch ductile iron (DI) main. This project will replace a 6 - inch cast iron main that has four breaks and one leak. This main has a history of breaking and is of a cohort prone to failure. In FY 2019-20, the project will continue design.

#### Revenue Source(s)

The funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	6,742	0	365,000	0	0	0	0	365,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - NE Skidmore from 23rd to 27th Aves				Total Project Cost:		465,000		Area: Northeast
Confidence:	Low			Original Cost:		465,000		Objective: Replacement

#### Project Description

This project will install approximately 1,190 feet of new main, including 1,010 feet of new 6 - inch and 180 feet of new 8 – inch ductile iron (DI) mains, and abandon approximately 675 feet of 2 - inch galvanized main. This project will replace 2-inch galvanized main that has two breaks and four leaks. Per Asset Management, the main has reached the end of its useful life and is in very poor condition. Galvanized main is substandard, is susceptible to water quality deterioration, and is prone to a greater number of leaks than standard materials. In FY 2019-20, the project will continue design.

#### Revenue Source(s)

The funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	6,317	0	410,000	5,000	0	0	0	415,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Outer Powell Transportation Safety				Total Project Cost:		3,250,000		Area: Southeast
Confidence:	High			Original Cost:		1,974,000		Objective: Replacement

#### Project Description

ODOT is planning to widen the travel roadway and add sidewalks and bike lanes to SE Powell Blvd, which will potentially impact Conduit 3 and the existing distribution mains, water service lines and fire hydrants. This project will review and consult with ODOT during design and design the water system mitigation of relocating 2,410 feet of 8-inch main, installing 260 feet of 6-inch water main. Also, relocate four fire hydrants and install three additional fire hydrants; and renew 43 1-inch water service lines, seven 2-inch water service lines, one 4-inch fireline, and one 6-inch fireline. In FY 2019-20, this project will begin construction in coordination with ODOT.

#### Revenue Source(s)

The project funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	184,145	1,749,000	569,000	55,000	0	0	0	624,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Penridge Mains				<b>Total Project Cost:</b> 2,530,000			<b>Area:</b> Northwest	
	<b>Confidence:</b>	Low		<b>Original Cost:</b> 2,530,000			<b>Objective:</b> Replacement	

**Project Description**

This project will replace approximately 8,000 feet of existing main and renew 41 1-inch domestic services and install seven hydrants. This work will allow the Penridge Tank to be removed from service without further diminishing already substandard fire flows. The Greenleaf Pump Station is being replaced in a separate project. In FY 2019-20, the project will begin construction.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	164,385	260,400	1,630,000	464,000	0	0	0	2,094,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Pump Stations and Tanks</b>				<b>Total Project Cost:</b> Ongoing			<b>Area:</b> Citywide	
	<b>Confidence:</b>	Optimal		<b>Original Cost:</b> Ongoing			<b>Objective:</b> Replacement	

**Project Description**

This program maintains a large variety of infrastructure consisting of water storage tanks, pumps, and pump and control facilities. The bureau uses a reliability-centered maintenance analysis to prioritize projects in these areas. The focus for this program continues to be the replacement of the remote telemetry units at over 140 remote sites. The existing units are over 15 years old and are becoming obsolete.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	0	1,710,000	1,123,725	3,146,400	2,877,300	2,851,425	2,634,075	12,632,925
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>SCADA System Upgrade 2017</b>				<b>Total Project Cost:</b> 1,386,000			<b>Area:</b> Citywide	
	<b>Confidence:</b>	High		<b>Original Cost:</b> 1,136,000			<b>Objective:</b> Replacement	

**Project Description**

This project will replace all PWB Supervisory control and data acquisition (SCADA) machines (11 servers and 25 workstations) and upgrade the OASyS SCADA application software to the latest version. It will add virtualization of the SCADA servers for faster recovery in the event of catastrophic failure. By 2020, the current SCADA system will be obsolete because the core operating system will not be supported for fixes such as security patches. The replacement and upgrade will ensure that the system remains protected from cyber threats and potential malfunctions. In FY 2019-20, this project will complete upgrades.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	0	1,136,000	250,000	0	0	0	0	250,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
NEW - SE 1st Ave from Oak to Market				Total Project Cost:		4,336,000		Area: Southeast
	Confidence:	Low		Original Cost:		4,336,000		Objective: Replacement

**Project Description**

This project will abandon approximately 3,500 feet of 14-inch cast iron (CI) main next to the railroad in SE 1st Avenue. Relocate 14 domestic services, 5 fire lines and 3 hydrants. Install approximately 2,000 feet of new 6-inch main to pick up these services and hydrants. This project will also construct five cased crossings. This project reduces the business risk associated with catastrophic failure of the 14-inch CI main impacting the Union Pacific's railroad. This project benefits water quality and seismic response in the area, as well as improves staff safety and operational flexibility. In FY 2019-20, the project will begin design.

**Revenue Source(s)**

The funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	0	120,000	761,000	3,435,000	20,000	0	4,336,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - SE Holgate Blvd I-205 Bridge Main Rehab				Total Project Cost:		543,000		Area: Southeast
	Confidence:	Low		Original Cost:		543,000		Objective: Replacement

**Project Description**

This project will rehabilitate a 16-inch ductile iron (DI) main located within an I-205 overpass bridge. This work will include replacement of the support system for the 16-inch DI main within the overpass bridge (approx. 300 LF), replacement of approximately 80 LF total of 16-inch DI at the approaches, installation of an expansion joint, and installation of thrust collars at each end of the bridge. The project is needed because the 16-inch main's support system was identified as failing during a recent inspection. The crossing was isolated to reduce immediate risk. Doing so created two dead end mains that have led to water quality issues in the immediate area. Along with the recommendation of the business case analysis, the water quality concerns are the drivers for the project schedule. In FY 2019-20, the project will begin construction.

**Revenue Source(s)**

The funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	11,390	0	334,000	127,000	0	0	0	461,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - Sunnyside North Reconstruction				Total Project Cost:		816,000		Area: Southeast
	Confidence:	Moderate		Original Cost:		1,077,000		Maintenance & Repair

**Project Description**

This project will replace or add about 700 feet of 6-inch main, 300 feet of 8-inch main, 110 feet of 16 inch main, and multiple services and hydrants. The work also includes about 350 feet of looped water main that are betterments. This is an interagency project due to a new BES project for sanitary sewer mains, manholes, stormwater planters, and reconstructing sanitary sewer laterals that will impact the existing water mains, fittings supported by thrust blocks, and water service pipes. Replacing with a looped main will improve reliability. In FY 2019-20, the project will complete construction in coordination with BES.

**Revenue Source(s)**

The funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	132,393	790,000	154,000	0	0	0	0	154,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
SW Boones Ferry Rd at SW Arnold St Bridge				<b>Total Project Cost:</b>		502,000		<b>Area:</b> Southwest
<b>Confidence:</b>	Low			<b>Original Cost:</b>		560,000		<b>Objective:</b> Replacement

**Project Description**

This project will abandon two parallel 6-inch cast iron water mains in SW Boones Ferry Rd between SW Comus Ct and SW Arnold St (about 800 feet). Replace with one 460-foot long 8-inch ductile iron water main, attaching the 8-inch pipe to a 125.5 foot long new bridge structure. Renew two water service lines. BES will be removing the existing roadway bed crossing the existing culvert structure under the roadway, in order to construct a 125-foot long bridge structure in SW Boones Ferry Rd north of SW Arnold St. The two existing parallel 6-inch water mains in SW Boones Ferry Rd will be impacted by this roadway removal. BES's consultant will design the pipe on bridge structure water main and bid the water mitigation work. BES will be responsible for a portion of the project cost to design and replace the existing water main. In FY 2019-20, project will start construction in coordination with BES.

**Revenue Source(s)**

The remaining funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	62,490	198,000	232,000	0	0	0	0	232,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - SW Troy St from 25th Ave to 28th Ave</b>				<b>Total Project Cost:</b>		409,000		<b>Area:</b> Southwest
<b>Confidence:</b>	Low			<b>Original Cost:</b>		409,000		<b>Objective:</b> Replacement

**Project Description**

This project will install approximately 875 feet of new 6-inch ductile iron (DI) main and abandon approximately 875 feet of 6-inch cast iron (CI) main. The project will renew nineteen (19) 1-inch services and install zero (0) new hydrants. The existing 6-inch CI main is from 1913 and 1952, and has four vertical breaks. In FY 2019-20, the project will continue design and possibly begin construction.

**Revenue Source(s)**

The funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	0	42,000	364,000	3,000	0	0	0	367,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>NEW - Wash Park PS 2 Transformer Replacement</b>				<b>Total Project Cost:</b>		1,000,000		<b>Area:</b> Southwest
<b>Confidence:</b>	Low			<b>Original Cost:</b>		1,000,000		<b>Objective:</b> Maintenance & Repair

**Project Description**

This project will replace the existing transformers and medium-voltage switchgear at Washington Park Pump Station 2. One of the two twin transformers in Washington Park pump station 2 have failed. The remaining transformer is supplying the load of the failed unit but is now showing signs of degradation. Loss of the second transformer would cause a loss of service to the neighborhood. In FY 2019-20, the project will begin construction.

**Revenue Source(s)**

The funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	3,958	800,000	188,000	0	0	0	0	188,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Willamette Blvd Bridge Main Replacement</b>				<b>Total Project Cost:</b>	4,500,000		<b>Area:</b>	North
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	4,500,000		<b>Objective:</b>	Replacement

**Project Description**

The 20-inch pipeline on the N. Willamette Boulevard Bridge is the primary supply to approximately 5,000 services in North Portland and to the St. John's pipeline crossing of the Willamette River. Both the existing 20-inch pipeline on the bridge and the bridge are in poor condition. The pipeline is vulnerable to failure due to condition and also due to a seismic event. This project will install 950 feet of 24-inch pipe in 42-inch casing, plus an additional 200 feet of un-cased 24-inch pipe to connect to the existing system. The bureau will abandon the existing 20-inch pipeline crossing the Willamette Boulevard Bridge. In FY 2019-20, the project will start construction in coordination with BES.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	142,094	715,000	624,000	2,553,000	462,000	0	0	3,639,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Willamette River Pipe Crossing</b>				<b>Total Project Cost:</b>	88,000,000		<b>Area:</b>	Central City
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	57,000,000		<b>Objective:</b>	Replacement

**Project Description**

The project provides for the replacement of major pipelines to strengthen the transmission link between Powell Butte and the service areas west of the Willamette River, including downtown and the storage reservoirs at Washington Park. The project will include construction of a new seismically strengthened river crossing to replace one or two of the existing Willamette River crossings, and new transmission piping on both sides of the Willamette River. In FY 2019-20, this project will begin construction.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	3,469,175	5,600,000	38,675,000	33,635,000	6,410,000	0	0	78,720,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Regulatory Compliance**

<b>Water Quality and Regulatory</b>				<b>Total Project Cost:</b>	Ongoing		<b>Area:</b>	Undetermined
	<b>Confidence:</b>	Optimal		<b>Original Cost:</b>	Ongoing		<b>Objective:</b>	Mandated

**Project Description**

The bureau recognizes the Bull Run Watershed as a diverse ecosystem. The bureau is committed to preserving this habitat and complying with federal regulations using practical, locally driven solutions. Many of the projects in this subprogram respond to the Clean Water Act and Endangered Species Act, including the implementation of the Bull Run Habitat Conservation Plan as adopted by City Council and approved by the National Marine Fisheries Service. Consistent with Habitat Conservation Plan commitments, this program funds easements, purchases land, and supports projects jointly conducted with other watershed partners.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	0	2,080,000	2,000,000	500,000	500,000	500,000	500,000	4,000,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

**Supply**

<b>Bull Run Watershed</b>				<b>Total Project Cost:</b>	Ongoing		<b>Area:</b> Undetermined
	<b>Confidence:</b>	Optimal		<b>Original Cost:</b>	Ongoing		Maintenance & Repair

**Project Description**

The Bull Run Watershed provides one of the highest quality drinking water sources in the United States. The bureau is committed to updating the Bull Run Watershed protection and maintenance procedures and agreements based on the 2007 Bull Run Agreement with the Mt. Hood National Forest. Funds in this program maintain, improve, and protect the watershed roads and facilities. Many of these facilities are between 50 and 70 years old. Projects address the proper functioning of watershed assets, such as the dams and the intake and treatment facilities. In FY 2019-20, Council will review and sign the land agreement for the Exchange. The proposed land exchange would convey approximately 2,800 acres of National Forest System land to the City of Portland in exchange for approximately 2,500 acres of City-owned lands within the Bull Run Watershed Management Unit.

**Revenue Source(s)**

The purpose of the proposed land exchange is to create a better alignment of land ownership responsibilities with the respective missions of the agencies. The proposed exchange would consolidate City holdings to lands surrounding the two water supply reservoirs and associated infrastructure. The U.S. Department of Agriculture Forest Service would acquire forested uplands that are valuable for natural resource protection and ecosystem management. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	0	50,000	145,000	705,000	1,000,000	1,000,000	1,000,000	3,850,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Dam 1 Needle Valve Replacement</b>				<b>Total Project Cost:</b>	3,800,000		<b>Area:</b> Undetermined
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>	3,260,000		<b>Objective:</b> Replacement

**Project Description**

The needle flow control valves are 89 years old and were refurbished 24 years ago. The valves are antiquated, leaky, difficult to open and close, and pose a risk to operator safety. This project will replace the three existing needle valves, actuators, and control panels at Dam 1 with new jet-flow gate valves or fixed-cone valves. In FY 2019-20, the project will continue construction.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	372,940	1,147,000	2,034,000	0	0	0	0	2,034,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Groundwater</b>				<b>Total Project Cost:</b>	Ongoing		<b>Area:</b> Northeast
	<b>Confidence:</b>	Optimal		<b>Original Cost:</b>	Ongoing		<b>Objective:</b> Efficiency

**Project Description**

The Columbia South Shore Well Field is Portland's alternative supply of water should the Bull Run Watershed supply be interrupted for any reason. The well field's primary use is to supplement the bureau peak demand in summers. If flow from Bull Run source must be interrupted or augmented due to storm-caused turbidity, drought conditions, or other causes, then the bureau pumps groundwater. The groundwater supply also allows the bureau to continue to operate while constructing and operating a filtration facility. Projects funded in this program improve the maintenance of this aging infrastructure, including repairs, selective replacements, and upgrades.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues, such as system development charges and interest earnings.

<b>Total Expenditures</b>	0	910,000	600,000	600,000	600,000	600,000	600,000	3,000,000
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

NEW - Groundwater PS Roof Replacement	Total Project Cost:		728,000	Area:		Northeast		
Confidence:	Low	Original Cost:		728,000	Objective:		Maintenance & Repair	

**Project Description**

This project will replace 11,000 sq. ft. of existing roofing on both Groundwater Pump Gallery and Control Buildings. The existing roofs on these two buildings are at the end of their design lives. The original roofs were installed when the Groundwater PS facility was built in 1982 and was replaced in 2000. Groundwater Operators have reported instances of numerous leaks over the past several years. Since the roof is already showing signs of failure, it should be replaced, and the work coordinated with installation of a new solar array for best results. In FY 2019-20, the project will begin design.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	10,000	80,000	638,000	0	0	0	718,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

FUTURE - Howell-Bunger Valve Improvements	Total Project Cost:		1,647,000	Area:		Undetermined		
Confidence:	Low	Original Cost:		1,647,000	Objective:		Maintenance & Repair	

**Project Description**

This future project will replace existing appurtenances associated with the three (3) Howell-Bunger valves at Dam #2, including the actuators, external linkages and gearboxes, control infrastructure, electrical service and panels, and the aerial cable. The Howell-Bunger Valves planning report identified site risks associated with the continued use of the Howell-Bunger valves at Headworks. PWB's risk-analysis evaluation process (CLEM) identified two Medium risks related to 240 V obsolete power and personnel disability due to arc flashing. Obsolete power hinders PWB's ability to repair or replace failing system components at Headworks. Total lifecycle benefits are estimated at \$2.86 million and exceed the estimated project cost at a ratio of 1.5. The project also supports federal dam regulations (FERC) and environmental conservation requirements per our Habitat Conservation Plan (HCP). In FY 2022-23, the project will begin design.

**Revenue Source(s)**

The funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	0	0	0	0	273,000	1,360,000	1,633,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Microwave Communications System	Total Project Cost:		1,700,000	Area:		Undetermined		
Confidence:	Optimal	Original Cost:		2,214,000	Objective:		Replacement	

**Project Description**

The bureau microwave equipment is obsolete and parts are no longer available from the manufacturer. In addition, the Bureau of Technology Services recommends changing the system to increase the reliability and bandwidth. In the past year, there have been two equipment failures on the Council Crest tower, which has resulted in data loss. This project will replace existing microwave communications equipment on seven towers and facilities throughout the system with new equipment. In FY 2019-20, the project will complete construction.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	467,309	700,000	310,000	0	0	0	0	310,000
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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

**Road 10E MP 6.2 - 8.2****Total Project Cost:** 3,800,000**Area:** Southeast

Maintenance &amp;

**Confidence:** Low**Original Cost:** 1,652,000**Objective:** Repair**Project Description**

This project will grind existing pavement, restore road subgrade, pave, and stripe 2 miles of Road 10. The road will be brought up to current standards, using fill and walls to add an average of 2 feet of width to the segment. Approximately 10 culverts will be replaced with aluminum alloy pipe. This segment of Road 10 is part of the primary access to Dam 1. It provides access from Headworks to secondary egress from the watershed, should the main route be blocked. This segment spans the location of a rollover accident caused by an unsupported road edge at a particularly narrow point. This key segment will be in Poor condition by the time construction begins and the width does not meet the current design standard for a Class A road. This project is recommended by the Bull Run Roads Asset Management Plan (Aug 2012). Construction scheduling will reflect seasonal restrictions for the watershed. In FY 2019-20, the project will begin construction.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	0	160,000	110,000	1,465,000	0	0	0	1,575,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Road 10R MP 28.77 to 31.85****Total Project Cost:** 2,100,000**Area:** Undetermined

Maintenance &amp;

**Confidence:** Moderate**Original Cost:** 2,100,000**Objective:** Repair**Project Description**

This segment of Road 10 provides access from Bull Run Lake to secondary egress from the watershed, should the main route be blocked. This secondary road is considered at the low end of fair condition with a remaining service life of approximately five years. This project is recommended by the 2012 Bull Run Roads Asset Management Plan. This project will grind existing pavement, restore road subgrade, reconstruct turnouts, pave, and stripe 3.08 miles of Road 10. The road meets the design width for this Class B segment; however several failures have occurred in turnouts designed to accommodate passing vehicles. The road condition assessment indicates the average width of this road meets the design standard, however isolated widening may be required. Current condition ratings indicate one culvert will be replaced. Culvert inspection during design may indicate the need to replace more. In FY 2019-20, this project will begin construction.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	239,893	70,000	1,795,000	0	0	0	0	1,795,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

**Support**

<b>NEW - Mt. Tabor Interpretive Project</b>			<b>Total Project Cost:</b>		570,000				<b>Area:</b> Southeast
									Maintenance &
	<b>Confidence:</b>	Low	<b>Original Cost:</b>		570,000				<b>Objective:</b> Repair

**Project Description**

This project will develop an interpretive program to educate the public about the history of the Mt. Tabor Reservoirs in particular and the City of Portland potable water system overall. The development of this interpretive program was a condition of the final findings and decision of the Landmarks Commission in LU 14-218444 HR EN rendered on February 9, 2015. In 2019-20, the project will continue design.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	108,171	0	292,000	6,000	0	0	0	298,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

<b>Planning</b>			<b>Total Project Cost:</b>		Ongoing				<b>Area:</b> Undetermined
	<b>Confidence:</b>	Optimal	<b>Original Cost:</b>		Ongoing				<b>Objective:</b> Growth

**Project Description**

This program consists of general planning studies for projects needed to improve the operation of the water system. These include pressure zone adjustments, facility modifications, and system element studies. In FY 2019-20, the bureau will complete work on the Supply System Mater Plan and Sandy River Station Facilities Plan. We will also begin work on the Decorative Fountains Master Plan. The bureau will also continue studies on topics such as water quality, tank and pump station issues, groundwater upgrades, and isolation of transmission pipeline elements.

**Revenue Source(s)**

The project funding is from water sales revenue.

<b>Total Expenditures</b>	0	2,900,000	3,074,515	3,118,000	3,105,000	3,105,000	3,105,000	15,507,515
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Transmission/Terminal Storage**

<b>Conduits and Transmission Mains</b>			<b>Total Project Cost:</b>		Ongoing				<b>Area:</b> Undetermined
	<b>Confidence:</b>	Optimal	<b>Original Cost:</b>		Ongoing				Maintenance &
									<b>Objective:</b> Repair

**Project Description**

The conduits that bring water to Portland from the Bull Run watershed are pipes 56 to 72 inches in diameter. Service to the City's wholesale customers is a key reason for the bureau's commitment to improve maintenance of this aging infrastructure. In future years, the bureau plans to rehabilitate four to five miles of conduits each year at an estimated cost of \$4 to \$5 million dollars per mile.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	0	955,000	2,070,000	2,500,000	5,000,000	10,000,000	10,000,000	29,570,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Gresham Conduit 2 Trestle Upgrades				Total Project Cost:		1,300,000		Area: Citywide
	Confidence:	Moderate		Original Cost:		1,150,000		Objective: Maintenance & Repair

**Project Description**

This project will install 13 ring girders and scour protection on both the El Camino and Beaver Creek trestles. These improvements mitigate Conduit 2 failure risks due to seismic and flooding events, which will improve the bureau's supply resiliency due to natural disasters. In FY 2019-20, the project will complete construction.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	383,200	296,000	627,000	0	0	0	0	627,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Powell Butte Reservoir 1 Roof Upgrades				Total Project Cost:		6,056,000		Area: Southeast
	Confidence:	Low		Original Cost:		6,056,000		Objective: Maintenance & Repair

**Project Description**

This project will design and construct multiple structural improvements to the Powell Butte Reservoir 1 (PBR1) roof, including removal of existing overburden; a new rubberized cover; new perimeter concrete aprons around the existing opening, and a new drainage system above the roof. PWB staff have documented water leaking through the roof of PBR1. The reservoir has temporarily been placed out of service. Construction for this project will begin in FY 2019-20.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	125,000	1,211,000	4,720,000	0	0	0	5,931,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Rockwood PUD Meter				Total Project Cost:		630,000		Area: East
	Confidence:	High		Original Cost:		530,000		Objective: Efficiency

**Project Description**

This project will design and construct a replacement meter vault outside of the traffic lanes to reduce risk. The existing vault houses a wholesale meter with instrumentation and requires the closure of multiple lanes to access. Due to width and height restrictions, the business case identifies a high risk exposure to injury to staff working in the vault. The new vault will be in the parking lane and sidewalk area, and will contain a check valve. Piping will be installed to reconnect the supply main to the distribution main. In FY 2019-20, this project will continue easement work and begin construction.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	141,961	10,000	245,000	185,000	0	0	0	430,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Terminal Reservoirs				<b>Total Project Cost:</b>	Ongoing		<b>Area:</b>	Southeast
	<b>Confidence:</b>	Optimal		<b>Original Cost:</b>	Ongoing		<b>Objective:</b>	Mandated

#### Project Description

The Terminal Reservoirs program includes conveying water from the supply facilities to the retail distribution system. Major assets in this program include the terminal reservoirs, such as those at Powell Butte, Kelly Butte, and Washington Park. The program provides for the rehabilitation, replacement, and expansion of smaller reservoir system assets.

#### Revenue Source(s)

The program funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	0	100,000	165,000	100,000	100,000	100,000	100,000	565,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

WA Park Hypochlorite Improvements				<b>Total Project Cost:</b>	1,740,000		<b>Area:</b>	Southwest
	<b>Confidence:</b>	Low		<b>Original Cost:</b>	1,740,000		<b>Objective:</b>	Maintenance & Repair

#### Project Description

This project will design and construct new feed systems for hypochlorite and aqueous ammonia and make upgrades to the existing chlorine building to improve safety and accommodate expanded operation. The existing hypochlorite feed system is over 20 years old, in very poor condition, and must be expanded to provide disinfection for new additional required water features. The poor condition and limited capacity of the system results in high risks including the potential to not meet water quality regulations and safety risks for operators. Design for this project will continue in FY 2019-20.

#### Revenue Source(s)

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	0	188,000	344,000	1,208,000	0	0	0	1,552,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Washington Park				<b>Total Project Cost:</b>	205,000,000		<b>Area:</b>	West
	<b>Confidence:</b>	High		<b>Original Cost:</b>	61,132,686		<b>Objective:</b>	Mandated

#### Project Description

The project will plan, design, and construct a new seismically resilient buried reservoir to replace open Reservoir #3 at Washington Park. This project is part of compliance with the federal LT2 mandate to replace the open reservoirs. It is assumed that Reservoir #4 will be used as the overflow detention, dechlorination, and stormwater structure. The buried reservoir would be topped with a reflecting pond and historical features will be protected as much as possible. In FY 2019-20, this project will continue construction.

#### Revenue Source(s)

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	69,998,938	33,555,021	35,611,000	31,795,000	9,300,000	12,750,000	11,820,000	101,276,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total

**Treatment****Water System Filtration**

			<b>Total Project Cost:</b> 500,000,000		<b>Area:</b> Undetermined
<b>Confidence:</b>	Low		<b>Original Cost:</b> 500,000,000		<b>Objective:</b> Mandated

**Project Description**

The Portland City Council has directed the Water Bureau to comply with the Oregon Health Authority's order to treat drinking water from the Bull Run Watershed for Cryptosporidium by proceeding with planning, design and construction of a filtration plant. The first step will be to develop a Basis of Design Report. This Basis of Design Report will include evaluation of needs and alternatives, implementation of a pilot study, and the creation of the report. The next step will be hiring a design consultant and managing the design process. This will be followed by construction through an alternative construction method. In FY 2019-20, the project will complete planning.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	933,242	6,090,000	12,735,000	30,750,000	34,875,000	40,650,000	48,000,000	167,010,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

**Corrosion Control Improvements**

			<b>Total Project Cost:</b> 19,961,000		<b>Area:</b> Undetermined
<b>Confidence:</b>	Low		<b>Original Cost:</b> 19,961,000		<b>Objective:</b> Mandated

**Project Description**

The project will design and construct a corrosion control treatment facility at the Lusted Hill Treatment Facility. The project is required to maintain compliance with the Lead and Copper Rule (LCR) and meet Oregon Health Authority's (OHA) compliance schedule to implement improved corrosion control treatment. In FY 2019-20, this project will continue design.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	322,132	1,820,000	1,601,000	7,482,000	8,230,000	461,000	0	17,774,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	734,000	1,475,000	1,475,000	3,684,000

**NEW - Headworks Screenhouse 3 Roof Replacement**

			<b>Total Project Cost:</b> 370,000		<b>Area:</b> Undetermined
<b>Confidence:</b>	Low		<b>Original Cost:</b> 370,000		<b>Objective:</b> Maintenance & Repair

**Project Description**

This project will replace the entire roof of Headworks Screenhouse #3 building, which includes relocating an existing communications tower on top of the building to allow for the roof replacement. The roof of the Screenhouse #3 building is leaking and well past its useful life. The existing roof was replaced in 1993. It is a flat built-up bitumen material that is now 25 years old and is in poor condition. Over the last few winter seasons the roof has been leaking as reported by the Headworks operators. Some of the leaking water falls directly onto the control center and onto sensitive equipment in the enclosed loading dock. Evidence of leaking water can also be observed from inside the building. In FY 2019-20, the project will complete construction.

**Revenue Source(s)**

The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

<b>Total Expenditures</b>	0	0	125,000	0	0	0	0	125,000
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
Treatment				Total Project Cost:		Ongoing	Area: Undetermined	
	Confidence:	Optimal		Original Cost:		Ongoing	Objective: Mandated	
Project Description								
The Treatment Program provides for meeting or exceeding the federal and state requirements for a public water system utilizing an unfiltered surface water source as well as a groundwater source.								
Revenue Source(s)								
The program funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	0	0	100,000	100,000	100,000	100,000	400,000
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0

# City Budget Office

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total
<b>Special Projects</b>								
Budget SW Replacement				<b>Total Project Cost:</b>		1,083,346		
	<b>Confidence:</b>	Moderate		<b>Original Cost:</b>		1,083,346	<b>Area:</b>	Citywide
							<b>Objective:</b>	Replacement
<b>Project Description</b>								
The City Budget Office is replacing BRASS, the current budget software system, with Budget Formulation Management (BFM). Original funding for this project was appropriated in FY 2015-16 and has been carried over twice and is sufficient resource to cover the full cost of implementation and year one service agreements. For FY 2019-20, \$361,718 has been carried over, and will be budgeted under a new capital project as phase two.								
<b>Revenue Source(s)</b>								
One-time General Fund resources.								
<b>Total Expenditures</b>	0	721,628	0	0	0	0	0	0
<b>Net Operations and Maintenance Costs</b>	0	0	0	0	0	0	0	0



# Portland Police Bureau

Capital Program	Revised		Adopted	Capital Plan					
Project	Prior Years	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	5-Year Total	
Special Projects									
NEW - Police Asset Capitalization				Total Project Cost:		160,000	Area:	North	
Confidence:	Moderate				Original Cost:		160,000	Objective:	GRO: New
Project Description									
System development capitalization of the SAMS database associated with the National Sexual Assault Kit Initiative to address the issue of unsubmitted sexual assault kits.									
Revenue Source(s)									
This project is funded with National Sexual Assault Kit Initiative federal grant resources from the U.S. Department of Justice, Office of Justice Programs, Bureau of Justice Assistance.									
Total Expenditures	0	160,000	160,000	0	0	0	0	160,000	
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0	
NEW - Police MDC Replacement				Total Project Cost:		2,717,225	Area:	Undetermined	
Confidence:	Optimal				Original Cost:		2,717,225	Objective:	Replacement
Project Description									
The Police Bureau will replace all of the mobile data computers in its fleet of vehicles in mid-calendar 2018.									
Revenue Source(s)									
The resources come from MDC replacement reserves in the BTS Fund, the Public Safety Reserve (residual of PSSRP) for the portion not covered by replacement reserves, and a 10% contingency covered by federal asset forfeiture proceeds in Fund 222.									
Total Expenditures	0	2,142,023	0	0	0	0	0	0	
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0	
NEW - Police RMS Replacement				Total Project Cost:		5,000,000	Area:	North	
Confidence:	Low				Original Cost:		5,000,000	Objective:	GRO: New
Project Description									
The Police Bureau owns and operates a records management system (RMS) for reports and related law enforcement information. This system is critical to the operation of the Police Bureau, processing police reports, and related mandatory functions. The Regional Justice Information Network (RegJIN) established a body of more than 40 partner agencies with an agreement that governs shared use and cost recovery. Most partners have left, shifting a large cost to the bureau. This project will replace the system with a new RMS the bureau hopes will be more cost effective to operate independent of partners.									
Revenue Source(s)									
The bureau has set aside an equipment replacement reserve of \$2.0 million in one-time resources to implement a new RMS with a target date in FY 2021-22. Actual cost may be more than twice the amount now in reserve. The bureau will continue to work to identify additional resources to fund this project.									
Total Expenditures	0	0	0	0	2,500,000	2,500,000	0	5,000,000	
Net Operations and Maintenance Costs	0	0	0	0	0	0	0	0	

